

---

## **ANNEXE II – Fichiers d'entrée du Modèle ISC Prime**

# Control Pathway

ISC-PRIME

## Dispersion Options

|  |  |
|--|--|
| <b>Titles</b><br>DISPERSION ATMOSPHÉRIQUE DES SRT (STE-SOPHIE - ANNÉE MÉTÉO 1996)  |  |
| <b>Dispersion Options</b><br><input checked="" type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options | <b>Dispersion Coefficient</b><br><br>Rural   |
|  | <b>Output Type</b><br><input checked="" type="checkbox"/> Concentration<br><input type="checkbox"/> Total Deposition (Dry & Wet)<br><input type="checkbox"/> Dry Deposition<br><input type="checkbox"/> Wet Deposition |
|  | <b>Plume Depletion</b><br><input type="checkbox"/> Dry Removal<br><input type="checkbox"/> Wet Removal   |
|  |  |

## Pollutant / Averaging Time / Terrain Options

|  |   |
|--|---|
| <b>Pollutant Type</b><br><br>OTHER - SRT   | <b>Exponential Decay</b><br>Option not available  |
| <b>Averaging Time Options</b><br>Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24<br><input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual | <b>Terrain Height Options</b><br><input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated      SO: Meters<br>RE: Meters<br>TG: Meters |
| <b>Flagpole Receptors</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Default Height = 1,50 m  | <b>Terrain Calculation Algorithms</b><br><br>Simple + Complex Terrain   |

# Source Pathway - Source Inputs

ISC-PRIME

## Point Sources

| Source Type | Source ID | X Coordinate [m]                               | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|-------------|-----------|--|------------------|---------------------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| POINT       | T2600     | 273499.00<br>torchère 2600 scfm                | 5070560.00       | 74,60                     | 12,19              | 0,00200             | 1 144,00           | 8,65                    | 3,05                      |
|             | TOR_NO1   | 272780.00<br>torchère 3300 scfm proposée (No1) | 5071400.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | TOR_NO2   | 272787.00<br>torchère 3300 scfm proposée (No2) | 5071389.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | T5500     | 272783.00<br>Torchère T5500 scfm existante     | 5071396.00       | 74,30                     | 18,29              | 0,00450             | 1 144,00           | 11,85                   | 3,96                      |

## Volume Sources

No Volume Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Area Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/(s-m <sup>2</sup> )] | Length of X Side [m] | Length of Y Side [m] | Orientation Angle from North [deg] | Initial Vertical Dim. [m] |
|-------------|-----------|------------------|------------------|---------------------------|--------------------|---------------------------------------|----------------------|----------------------|------------------------------------|---------------------------|
| AREA        | ZONE3A_1  | 273877.00        | 5070912.00       | 75.60                     | 0.00               | 1.33E-008                             | 341.00               | 952.00               | -41,79                             |                           |
|             | ZONE3A_2  | 273356.70        | 5071237.83       | 76.00                     | 0.00               | 1.33E-008                             | 159.00               | 267.00               | -43,00                             |                           |
|             | ZONE2A    | 273501.00        | 5070555.00       | 74.50                     | 0.00               | 9.60E-009                             | 490.00               | 598.00               | -43,00                             |                           |
|             | ZONE1A    | 273105.40        | 5071003.30       | 74.50                     | 0.00               | 9.57E-009                             | 309.00               | 471.00               | -43,00                             |                           |
|             | ZONE4     | 272796.70        | 5070601.06       | 74.50                     | 0.00               | 1.33E-008                             | 479.00               | 648.00               | -44,00                             |                           |
|             | ZONE5_A   | 273126.08        | 5070249.41       | 75.50                     | 0.00               | 5.06E-008                             | 479.00               | 486.57               | -44,00                             |                           |
|             | ZONE5_B   | 272645.00        | 5069788.00       | 75.50                     | 0.00               | 5.06E-008                             | 666.46               | 485.58               | -44,00                             |                           |
|             | ZONE5_C   | 272297.27        | 5070128.98       | 76.00                     | 0.00               | 5.06E-008                             | 768.00               | 648.99               | -43,60                             |                           |

## Open Pit Sources

No Open Pit Sources Specified

## Circular Area Sources

No Circular Area Sources Specified

## Polygon Area Sources

No Polygon Area Sources Specified

## Flare Sources

No Flare Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Line Sources

No Line Sources Specified

# Source Pathway

ISC-PRIME

## Building Downwash Information

Option not in use

## Emission Rate Units for Output

### For Concentration

|                           |                 |
|---------------------------|-----------------|
| Unit Factor:              | 1E6             |
| Emission Unit Label:      | GRAMS/SEC       |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Data for Particulates

Option not in use

## Variable Emission Rate

### Seasonally Emission Rate Variation

Option not in use

### Monthly Emission Rate Variation

Option not in use

### Hourly Emission Rate Variation

Option not in use

### Wind Speed / Stability Category Emission Rate Variation

Option not in use

### Season / Hour-of-Day Emission Rate Variation

Option not in use

# Receptor Pathway

ISC-PRIME

## Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)  
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

### Uniform Cartesian Grid

Option not in use

### Non-Uniform Cartesian Grid

Option not in use

### Uniform Polar Grid

Option not in use

### Non-Uniform Polar Grid

Option not in use

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Group Name (Optional) | Terrain Elevations (Optional) | Flagpole Heights [m] (Optional) |
|---------------|----------------------------|----------------------------|-----------------------|-------------------------------|---------------------------------|
| 1             | 269009.00                  | 5068125.00                 |                       | 72.93                         | 0.00                            |
| 2             | 269209.00                  | 5068125.00                 |                       | 73.17                         | 0.00                            |
| 3             | 269409.00                  | 5068125.00                 |                       | 73.40                         | 0.00                            |
| 4             | 269609.00                  | 5068125.00                 |                       | 73.64                         | 0.00                            |
| 5             | 269809.00                  | 5068125.00                 |                       | 73.87                         | 0.00                            |
| 6             | 270009.00                  | 5068125.00                 |                       | 73.47                         | 0.00                            |
| 7             | 270209.00                  | 5068125.00                 |                       | 72.93                         | 0.00                            |
| 8             | 270409.00                  | 5068125.00                 |                       | 72.02                         | 0.00                            |
| 9             | 270609.00                  | 5068125.00                 |                       | 71.33                         | 0.00                            |
| 10            | 270809.00                  | 5068125.00                 |                       | 70.52                         | 0.00                            |
| 11            | 271009.00                  | 5068125.00                 |                       | 70.29                         | 0.00                            |
| 12            | 271209.00                  | 5068125.00                 |                       | 70.36                         | 0.00                            |
| 13            | 271409.00                  | 5068125.00                 |                       | 70.00                         | 0.00                            |
| 14            | 271609.00                  | 5068125.00                 |                       | 70.00                         | 0.00                            |
| 15            | 271809.00                  | 5068125.00                 |                       | 70.00                         | 0.00                            |
| 16            | 272009.00                  | 5068125.00                 |                       | 70.02                         | 0.00                            |
| 17            | 272209.00                  | 5068125.00                 |                       | 70.64                         | 0.00                            |
| 18            | 272409.00                  | 5068125.00                 |                       | 70.70                         | 0.00                            |
| 19            | 272609.00                  | 5068125.00                 |                       | 70.67                         | 0.00                            |
| 20            | 272809.00                  | 5068125.00                 |                       | 70.56                         | 0.00                            |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 21 | 273009.00 | 5068125.00 |  | 70.00 | 0.00 |
| 22 | 273209.00 | 5068125.00 |  | 69.91 | 0.00 |
| 23 | 273409.00 | 5068125.00 |  | 68.86 | 0.00 |
| 24 | 273609.00 | 5068125.00 |  | 67.81 | 0.00 |
| 25 | 273809.00 | 5068125.00 |  | 66.76 | 0.00 |
| 26 | 274009.00 | 5068125.00 |  | 65.71 | 0.00 |
| 27 | 274209.00 | 5068125.00 |  | 64.66 | 0.00 |
| 28 | 274409.00 | 5068125.00 |  | 63.62 | 0.00 |
| 29 | 274609.00 | 5068125.00 |  | 62.56 | 0.00 |
| 30 | 274809.00 | 5068125.00 |  | 61.83 | 0.00 |
| 31 | 275009.00 | 5068125.00 |  | 61.37 | 0.00 |
| 32 | 275209.00 | 5068125.00 |  | 61.28 | 0.00 |
| 33 | 275409.00 | 5068125.00 |  | 60.66 | 0.00 |
| 34 | 275609.00 | 5068125.00 |  | 60.10 | 0.00 |
| 35 | 275809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 36 | 276009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 37 | 276209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 38 | 276409.00 | 5068125.00 |  | 60.00 | 0.00 |
| 39 | 276609.00 | 5068125.00 |  | 60.00 | 0.00 |
| 40 | 276809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 41 | 277009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 42 | 277209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 43 | 269009.00 | 5068325.00 |  | 77.80 | 0.00 |
| 44 | 269209.00 | 5068325.00 |  | 76.80 | 0.00 |
| 45 | 269409.00 | 5068325.00 |  | 77.08 | 0.00 |
| 46 | 269609.00 | 5068325.00 |  | 77.31 | 0.00 |
| 47 | 269809.00 | 5068325.00 |  | 76.44 | 0.00 |
| 48 | 270009.00 | 5068325.00 |  | 76.07 | 0.00 |
| 49 | 270209.00 | 5068325.00 |  | 75.48 | 0.00 |
| 50 | 270409.00 | 5068325.00 |  | 74.63 | 0.00 |
| 51 | 270609.00 | 5068325.00 |  | 73.68 | 0.00 |
| 52 | 270809.00 | 5068325.00 |  | 72.73 | 0.00 |
| 53 | 271009.00 | 5068325.00 |  | 72.34 | 0.00 |
| 54 | 271209.00 | 5068325.00 |  | 72.46 | 0.00 |
| 55 | 271409.00 | 5068325.00 |  | 72.30 | 0.00 |
| 56 | 271609.00 | 5068325.00 |  | 71.59 | 0.00 |
| 57 | 271809.00 | 5068325.00 |  | 72.27 | 0.00 |
| 58 | 272009.00 | 5068325.00 |  | 72.77 | 0.00 |
| 59 | 272209.00 | 5068325.00 |  | 72.22 | 0.00 |



# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 60 | 272409.00 | 5068325.00 |  | 71.58 | 0.00 |
| 61 | 272609.00 | 5068325.00 |  | 71.50 | 0.00 |
| 62 | 272809.00 | 5068325.00 |  | 71.39 | 0.00 |
| 63 | 273009.00 | 5068325.00 |  | 71.11 | 0.00 |
| 64 | 273209.00 | 5068325.00 |  | 70.00 | 0.00 |
| 65 | 273409.00 | 5068325.00 |  | 70.00 | 0.00 |
| 66 | 273609.00 | 5068325.00 |  | 68.97 | 0.00 |
| 67 | 273809.00 | 5068325.00 |  | 67.92 | 0.00 |
| 68 | 274009.00 | 5068325.00 |  | 66.87 | 0.00 |
| 69 | 274209.00 | 5068325.00 |  | 65.85 | 0.00 |
| 70 | 274409.00 | 5068325.00 |  | 64.79 | 0.00 |
| 71 | 274609.00 | 5068325.00 |  | 63.99 | 0.00 |
| 72 | 274809.00 | 5068325.00 |  | 63.33 | 0.00 |
| 73 | 275009.00 | 5068325.00 |  | 62.66 | 0.00 |
| 74 | 275209.00 | 5068325.00 |  | 62.24 | 0.00 |
| 75 | 275409.00 | 5068325.00 |  | 61.62 | 0.00 |
| 76 | 275609.00 | 5068325.00 |  | 61.02 | 0.00 |
| 77 | 275809.00 | 5068325.00 |  | 60.46 | 0.00 |
| 78 | 276009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 79 | 276209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 80 | 276409.00 | 5068325.00 |  | 60.00 | 0.00 |
| 81 | 276609.00 | 5068325.00 |  | 60.00 | 0.00 |
| 82 | 276809.00 | 5068325.00 |  | 60.00 | 0.00 |
| 83 | 277009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 84 | 277209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 85 | 269009.00 | 5068525.00 |  | 80.00 | 0.00 |
| 86 | 269209.00 | 5068525.00 |  | 80.00 | 0.00 |
| 87 | 269409.00 | 5068525.00 |  | 80.00 | 0.00 |
| 88 | 269609.00 | 5068525.00 |  | 79.41 | 0.00 |
| 89 | 269809.00 | 5068525.00 |  | 78.84 | 0.00 |
| 90 | 270009.00 | 5068525.00 |  | 78.06 | 0.00 |
| 91 | 270209.00 | 5068525.00 |  | 77.50 | 0.00 |
| 92 | 270409.00 | 5068525.00 |  | 76.91 | 0.00 |
| 93 | 270609.00 | 5068525.00 |  | 75.96 | 0.00 |
| 94 | 270809.00 | 5068525.00 |  | 75.01 | 0.00 |
| 95 | 271009.00 | 5068525.00 |  | 74.08 | 0.00 |
| 96 | 271209.00 | 5068525.00 |  | 74.57 | 0.00 |
| 97 | 271409.00 | 5068525.00 |  | 74.69 | 0.00 |
| 98 | 271609.00 | 5068525.00 |  | 74.89 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 99  | 271809.00 | 5068525.00 |  | 75.39 | 0.00 |
| 100 | 272009.00 | 5068525.00 |  | 74.53 | 0.00 |
| 101 | 272209.00 | 5068525.00 |  | 73.57 | 0.00 |
| 102 | 272409.00 | 5068525.00 |  | 72.61 | 0.00 |
| 103 | 272609.00 | 5068525.00 |  | 71.03 | 0.00 |
| 104 | 272809.00 | 5068525.00 |  | 70.71 | 0.00 |
| 105 | 273009.00 | 5068525.00 |  | 71.15 | 0.00 |
| 106 | 273209.00 | 5068525.00 |  | 70.75 | 0.00 |
| 107 | 273409.00 | 5068525.00 |  | 70.03 | 0.00 |
| 108 | 273609.00 | 5068525.00 |  | 70.00 | 0.00 |
| 109 | 273809.00 | 5068525.00 |  | 69.13 | 0.00 |
| 110 | 274009.00 | 5068525.00 |  | 68.05 | 0.00 |
| 111 | 274209.00 | 5068525.00 |  | 67.02 | 0.00 |
| 112 | 274409.00 | 5068525.00 |  | 66.15 | 0.00 |
| 113 | 274609.00 | 5068525.00 |  | 65.48 | 0.00 |
| 114 | 274809.00 | 5068525.00 |  | 64.82 | 0.00 |
| 115 | 275009.00 | 5068525.00 |  | 63.97 | 0.00 |
| 116 | 275209.00 | 5068525.00 |  | 63.23 | 0.00 |
| 117 | 275409.00 | 5068525.00 |  | 62.59 | 0.00 |
| 118 | 275609.00 | 5068525.00 |  | 61.96 | 0.00 |
| 119 | 275809.00 | 5068525.00 |  | 61.38 | 0.00 |
| 120 | 276009.00 | 5068525.00 |  | 60.82 | 0.00 |
| 121 | 276209.00 | 5068525.00 |  | 60.25 | 0.00 |
| 122 | 276409.00 | 5068525.00 |  | 60.00 | 0.00 |
| 123 | 276609.00 | 5068525.00 |  | 60.00 | 0.00 |
| 124 | 276809.00 | 5068525.00 |  | 60.00 | 0.00 |
| 125 | 277009.00 | 5068525.00 |  | 60.64 | 0.00 |
| 126 | 277209.00 | 5068525.00 |  | 60.00 | 0.00 |
| 127 | 269009.00 | 5068725.00 |  | 79.74 | 0.00 |
| 128 | 269209.00 | 5068725.00 |  | 80.00 | 0.00 |
| 129 | 269409.00 | 5068725.00 |  | 80.00 | 0.00 |
| 130 | 269609.00 | 5068725.00 |  | 80.00 | 0.00 |
| 131 | 269809.00 | 5068725.00 |  | 79.97 | 0.00 |
| 132 | 270009.00 | 5068725.00 |  | 79.21 | 0.00 |
| 133 | 270209.00 | 5068725.00 |  | 78.72 | 0.00 |
| 134 | 270409.00 | 5068725.00 |  | 78.29 | 0.00 |
| 135 | 270609.00 | 5068725.00 |  | 77.87 | 0.00 |
| 136 | 270809.00 | 5068725.00 |  | 77.30 | 0.00 |
| 137 | 271009.00 | 5068725.00 |  | 76.35 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 138 | 271209.00 | 5068725.00 |  | 76.08 | 0.00 |
| 139 | 271409.00 | 5068725.00 |  | 76.65 | 0.00 |
| 140 | 271609.00 | 5068725.00 |  | 76.66 | 0.00 |
| 141 | 271809.00 | 5068725.00 |  | 76.18 | 0.00 |
| 142 | 272009.00 | 5068725.00 |  | 75.22 | 0.00 |
| 143 | 272209.00 | 5068725.00 |  | 74.26 | 0.00 |
| 144 | 272409.00 | 5068725.00 |  | 73.25 | 0.00 |
| 145 | 272609.00 | 5068725.00 |  | 71.76 | 0.00 |
| 146 | 272809.00 | 5068725.00 |  | 69.90 | 0.00 |
| 147 | 273009.00 | 5068725.00 |  | 68.05 | 0.00 |
| 148 | 273209.00 | 5068725.00 |  | 67.56 | 0.00 |
| 149 | 273409.00 | 5068725.00 |  | 68.77 | 0.00 |
| 150 | 273609.00 | 5068725.00 |  | 70.10 | 0.00 |
| 151 | 273809.00 | 5068725.00 |  | 70.00 | 0.00 |
| 152 | 274009.00 | 5068725.00 |  | 69.25 | 0.00 |
| 153 | 274209.00 | 5068725.00 |  | 68.31 | 0.00 |
| 154 | 274409.00 | 5068725.00 |  | 67.64 | 0.00 |
| 155 | 274609.00 | 5068725.00 |  | 66.74 | 0.00 |
| 156 | 274809.00 | 5068725.00 |  | 65.86 | 0.00 |
| 157 | 275009.00 | 5068725.00 |  | 65.02 | 0.00 |
| 158 | 275209.00 | 5068725.00 |  | 64.30 | 0.00 |
| 159 | 275409.00 | 5068725.00 |  | 63.61 | 0.00 |
| 160 | 275609.00 | 5068725.00 |  | 62.93 | 0.00 |
| 161 | 275809.00 | 5068725.00 |  | 62.31 | 0.00 |
| 162 | 276009.00 | 5068725.00 |  | 61.74 | 0.00 |
| 163 | 276209.00 | 5068725.00 |  | 61.18 | 0.00 |
| 164 | 276409.00 | 5068725.00 |  | 60.62 | 0.00 |
| 165 | 276609.00 | 5068725.00 |  | 60.05 | 0.00 |
| 166 | 276809.00 | 5068725.00 |  | 60.00 | 0.00 |
| 167 | 277009.00 | 5068725.00 |  | 60.00 | 0.00 |
| 168 | 277209.00 | 5068725.00 |  | 60.00 | 0.00 |
| 169 | 269009.00 | 5068925.00 |  | 79.12 | 0.00 |
| 170 | 269209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 171 | 269409.00 | 5068925.00 |  | 80.00 | 0.00 |
| 172 | 269609.00 | 5068925.00 |  | 80.00 | 0.00 |
| 173 | 269809.00 | 5068925.00 |  | 80.17 | 0.00 |
| 174 | 270009.00 | 5068925.00 |  | 79.99 | 0.00 |
| 175 | 270209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 176 | 270409.00 | 5068925.00 |  | 79.33 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 177 | 270609.00 | 5068925.00 |  | 79.01 | 0.00 |
| 178 | 270809.00 | 5068925.00 |  | 78.66 | 0.00 |
| 179 | 271009.00 | 5068925.00 |  | 78.24 | 0.00 |
| 180 | 271209.00 | 5068925.00 |  | 77.68 | 0.00 |
| 181 | 271409.00 | 5068925.00 |  | 77.56 | 0.00 |
| 182 | 271609.00 | 5068925.00 |  | 77.18 | 0.00 |
| 183 | 271809.00 | 5068925.00 |  | 76.79 | 0.00 |
| 184 | 272009.00 | 5068925.00 |  | 75.91 | 0.00 |
| 185 | 272209.00 | 5068925.00 |  | 74.95 | 0.00 |
| 186 | 272409.00 | 5068925.00 |  | 73.87 | 0.00 |
| 187 | 272609.00 | 5068925.00 |  | 72.49 | 0.00 |
| 188 | 272809.00 | 5068925.00 |  | 70.64 | 0.00 |
| 189 | 273009.00 | 5068925.00 |  | 68.78 | 0.00 |
| 190 | 273209.00 | 5068925.00 |  | 69.29 | 0.00 |
| 191 | 273409.00 | 5068925.00 |  | 70.66 | 0.00 |
| 192 | 273609.00 | 5068925.00 |  | 71.32 | 0.00 |
| 193 | 273809.00 | 5068925.00 |  | 70.94 | 0.00 |
| 194 | 274009.00 | 5068925.00 |  | 70.33 | 0.00 |
| 195 | 274209.00 | 5068925.00 |  | 69.51 | 0.00 |
| 196 | 274409.00 | 5068925.00 |  | 68.64 | 0.00 |
| 197 | 274609.00 | 5068925.00 |  | 67.75 | 0.00 |
| 198 | 274809.00 | 5068925.00 |  | 66.91 | 0.00 |
| 199 | 275009.00 | 5068925.00 |  | 66.06 | 0.00 |
| 200 | 275209.00 | 5068925.00 |  | 65.37 | 0.00 |
| 201 | 275409.00 | 5068925.00 |  | 64.68 | 0.00 |
| 202 | 275609.00 | 5068925.00 |  | 63.99 | 0.00 |
| 203 | 275809.00 | 5068925.00 |  | 63.30 | 0.00 |
| 204 | 276009.00 | 5068925.00 |  | 62.67 | 0.00 |
| 205 | 276209.00 | 5068925.00 |  | 62.06 | 0.00 |
| 206 | 276409.00 | 5068925.00 |  | 61.44 | 0.00 |
| 207 | 276609.00 | 5068925.00 |  | 60.81 | 0.00 |
| 208 | 276809.00 | 5068925.00 |  | 60.71 | 0.00 |
| 209 | 277009.00 | 5068925.00 |  | 60.58 | 0.00 |
| 210 | 277209.00 | 5068925.00 |  | 60.75 | 0.00 |
| 211 | 269009.00 | 5069125.00 |  | 78.59 | 0.00 |
| 212 | 269209.00 | 5069125.00 |  | 79.49 | 0.00 |
| 213 | 269409.00 | 5069125.00 |  | 80.00 | 0.00 |
| 214 | 269609.00 | 5069125.00 |  | 80.40 | 0.00 |
| 215 | 269809.00 | 5069125.00 |  | 80.81 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 216 | 270009.00 | 5069125.00 |  | 80.00 | 0.00 |
| 217 | 270209.00 | 5069125.00 |  | 79.79 | 0.00 |
| 218 | 270409.00 | 5069125.00 |  | 79.47 | 0.00 |
| 219 | 270609.00 | 5069125.00 |  | 79.14 | 0.00 |
| 220 | 270809.00 | 5069125.00 |  | 78.81 | 0.00 |
| 221 | 271009.00 | 5069125.00 |  | 78.48 | 0.00 |
| 222 | 271209.00 | 5069125.00 |  | 76.25 | 0.00 |
| 223 | 271409.00 | 5069125.00 |  | 77.62 | 0.00 |
| 224 | 271609.00 | 5069125.00 |  | 77.69 | 0.00 |
| 225 | 271809.00 | 5069125.00 |  | 77.31 | 0.00 |
| 226 | 272009.00 | 5069125.00 |  | 76.60 | 0.00 |
| 227 | 272209.00 | 5069125.00 |  | 75.62 | 0.00 |
| 228 | 272409.00 | 5069125.00 |  | 74.49 | 0.00 |
| 229 | 272609.00 | 5069125.00 |  | 73.23 | 0.00 |
| 230 | 272809.00 | 5069125.00 |  | 71.37 | 0.00 |
| 231 | 273009.00 | 5069125.00 |  | 70.22 | 0.00 |
| 232 | 273209.00 | 5069125.00 |  | 71.17 | 0.00 |
| 233 | 273409.00 | 5069125.00 |  | 72.54 | 0.00 |
| 234 | 273609.00 | 5069125.00 |  | 72.52 | 0.00 |
| 235 | 273809.00 | 5069125.00 |  | 71.94 | 0.00 |
| 236 | 274009.00 | 5069125.00 |  | 71.16 | 0.00 |
| 237 | 274209.00 | 5069125.00 |  | 70.42 | 0.00 |
| 238 | 274409.00 | 5069125.00 |  | 69.64 | 0.00 |
| 239 | 274609.00 | 5069125.00 |  | 68.77 | 0.00 |
| 240 | 274809.00 | 5069125.00 |  | 67.98 | 0.00 |
| 241 | 275009.00 | 5069125.00 |  | 67.13 | 0.00 |
| 242 | 275209.00 | 5069125.00 |  | 66.44 | 0.00 |
| 243 | 275409.00 | 5069125.00 |  | 65.75 | 0.00 |
| 244 | 275609.00 | 5069125.00 |  | 65.06 | 0.00 |
| 245 | 275809.00 | 5069125.00 |  | 64.31 | 0.00 |
| 246 | 276009.00 | 5069125.00 |  | 63.51 | 0.00 |
| 247 | 276209.00 | 5069125.00 |  | 62.81 | 0.00 |
| 248 | 276409.00 | 5069125.00 |  | 62.18 | 0.00 |
| 249 | 276609.00 | 5069125.00 |  | 61.56 | 0.00 |
| 250 | 276809.00 | 5069125.00 |  | 61.45 | 0.00 |
| 251 | 277009.00 | 5069125.00 |  | 61.54 | 0.00 |
| 252 | 277209.00 | 5069125.00 |  | 61.81 | 0.00 |
| 253 | 269009.00 | 5069325.00 |  | 78.72 | 0.00 |
| 254 | 269209.00 | 5069325.00 |  | 79.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 255 | 269409.00 | 5069325.00 |  | 80.00 | 0.00 |
| 256 | 269609.00 | 5069325.00 |  | 80.20 | 0.00 |
| 257 | 269809.00 | 5069325.00 |  | 80.09 | 0.00 |
| 258 | 270009.00 | 5069325.00 |  | 80.00 | 0.00 |
| 259 | 270209.00 | 5069325.00 |  | 79.93 | 0.00 |
| 260 | 270409.00 | 5069325.00 |  | 79.60 | 0.00 |
| 261 | 270609.00 | 5069325.00 |  | 79.27 | 0.00 |
| 262 | 270809.00 | 5069325.00 |  | 78.94 | 0.00 |
| 263 | 271009.00 | 5069325.00 |  | 78.21 | 0.00 |
| 264 | 271209.00 | 5069325.00 |  | 73.53 | 0.00 |
| 265 | 271409.00 | 5069325.00 |  | 75.29 | 0.00 |
| 266 | 271609.00 | 5069325.00 |  | 77.04 | 0.00 |
| 267 | 271809.00 | 5069325.00 |  | 77.82 | 0.00 |
| 268 | 272009.00 | 5069325.00 |  | 77.28 | 0.00 |
| 269 | 272209.00 | 5069325.00 |  | 76.24 | 0.00 |
| 270 | 272409.00 | 5069325.00 |  | 75.11 | 0.00 |
| 271 | 272609.00 | 5069325.00 |  | 73.96 | 0.00 |
| 272 | 272809.00 | 5069325.00 |  | 72.11 | 0.00 |
| 273 | 273009.00 | 5069325.00 |  | 72.18 | 0.00 |
| 274 | 273209.00 | 5069325.00 |  | 73.09 | 0.00 |
| 275 | 273409.00 | 5069325.00 |  | 74.10 | 0.00 |
| 276 | 273609.00 | 5069325.00 |  | 73.54 | 0.00 |
| 277 | 273809.00 | 5069325.00 |  | 72.79 | 0.00 |
| 278 | 274009.00 | 5069325.00 |  | 72.01 | 0.00 |
| 279 | 274209.00 | 5069325.00 |  | 71.16 | 0.00 |
| 280 | 274409.00 | 5069325.00 |  | 70.31 | 0.00 |
| 281 | 274609.00 | 5069325.00 |  | 69.87 | 0.00 |
| 282 | 274809.00 | 5069325.00 |  | 68.99 | 0.00 |
| 283 | 275009.00 | 5069325.00 |  | 68.20 | 0.00 |
| 284 | 275209.00 | 5069325.00 |  | 67.51 | 0.00 |
| 285 | 275409.00 | 5069325.00 |  | 66.79 | 0.00 |
| 286 | 275609.00 | 5069325.00 |  | 66.01 | 0.00 |
| 287 | 275809.00 | 5069325.00 |  | 65.25 | 0.00 |
| 288 | 276009.00 | 5069325.00 |  | 64.42 | 0.00 |
| 289 | 276209.00 | 5069325.00 |  | 63.59 | 0.00 |
| 290 | 276409.00 | 5069325.00 |  | 62.93 | 0.00 |
| 291 | 276609.00 | 5069325.00 |  | 62.32 | 0.00 |
| 292 | 276809.00 | 5069325.00 |  | 62.23 | 0.00 |
| 293 | 277009.00 | 5069325.00 |  | 62.50 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 294 | 277209.00 | 5069325.00 |  | 62.76 | 0.00 |
| 295 | 269009.00 | 5069525.00 |  | 79.03 | 0.00 |
| 296 | 269209.00 | 5069525.00 |  | 79.90 | 0.00 |
| 297 | 269409.00 | 5069525.00 |  | 79.93 | 0.00 |
| 298 | 269609.00 | 5069525.00 |  | 79.79 | 0.00 |
| 299 | 269809.00 | 5069525.00 |  | 80.00 | 0.00 |
| 300 | 270009.00 | 5069525.00 |  | 80.00 | 0.00 |
| 301 | 270209.00 | 5069525.00 |  | 80.00 | 0.00 |
| 302 | 270409.00 | 5069525.00 |  | 79.72 | 0.00 |
| 303 | 270609.00 | 5069525.00 |  | 79.42 | 0.00 |
| 304 | 270809.00 | 5069525.00 |  | 79.21 | 0.00 |
| 305 | 271009.00 | 5069525.00 |  | 75.03 | 0.00 |
| 306 | 271209.00 | 5069525.00 |  | 71.19 | 0.00 |
| 307 | 271409.00 | 5069525.00 |  | 72.95 | 0.00 |
| 308 | 271609.00 | 5069525.00 |  | 74.70 | 0.00 |
| 309 | 271809.00 | 5069525.00 |  | 76.46 | 0.00 |
| 310 | 272009.00 | 5069525.00 |  | 77.95 | 0.00 |
| 311 | 272209.00 | 5069525.00 |  | 76.86 | 0.00 |
| 312 | 272409.00 | 5069525.00 |  | 75.73 | 0.00 |
| 313 | 272609.00 | 5069525.00 |  | 74.60 | 0.00 |
| 314 | 272809.00 | 5069525.00 |  | 73.22 | 0.00 |
| 315 | 273009.00 | 5069525.00 |  | 74.13 | 0.00 |
| 316 | 273209.00 | 5069525.00 |  | 75.04 | 0.00 |
| 317 | 273409.00 | 5069525.00 |  | 75.16 | 0.00 |
| 318 | 273609.00 | 5069525.00 |  | 74.32 | 0.00 |
| 319 | 273809.00 | 5069525.00 |  | 73.43 | 0.00 |
| 320 | 274009.00 | 5069525.00 |  | 72.55 | 0.00 |
| 321 | 274209.00 | 5069525.00 |  | 71.81 | 0.00 |
| 322 | 274409.00 | 5069525.00 |  | 71.07 | 0.00 |
| 323 | 274609.00 | 5069525.00 |  | 70.33 | 0.00 |
| 324 | 274809.00 | 5069525.00 |  | 70.00 | 0.00 |
| 325 | 275009.00 | 5069525.00 |  | 69.25 | 0.00 |
| 326 | 275209.00 | 5069525.00 |  | 68.50 | 0.00 |
| 327 | 275409.00 | 5069525.00 |  | 67.71 | 0.00 |
| 328 | 275609.00 | 5069525.00 |  | 66.91 | 0.00 |
| 329 | 275809.00 | 5069525.00 |  | 66.15 | 0.00 |
| 330 | 276009.00 | 5069525.00 |  | 65.33 | 0.00 |
| 331 | 276209.00 | 5069525.00 |  | 64.50 | 0.00 |
| 332 | 276409.00 | 5069525.00 |  | 63.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 333 | 276609.00 | 5069525.00 |  | 63.09 | 0.00 |
| 334 | 276809.00 | 5069525.00 |  | 63.19 | 0.00 |
| 335 | 277009.00 | 5069525.00 |  | 63.45 | 0.00 |
| 336 | 277209.00 | 5069525.00 |  | 63.33 | 0.00 |
| 337 | 269009.00 | 5069725.00 |  | 79.37 | 0.00 |
| 338 | 269209.00 | 5069725.00 |  | 79.64 | 0.00 |
| 339 | 269409.00 | 5069725.00 |  | 79.33 | 0.00 |
| 340 | 269609.00 | 5069725.00 |  | 79.65 | 0.00 |
| 341 | 269809.00 | 5069725.00 |  | 80.00 | 0.00 |
| 342 | 270009.00 | 5069725.00 |  | 80.00 | 0.00 |
| 343 | 270209.00 | 5069725.00 |  | 80.00 | 0.00 |
| 344 | 270409.00 | 5069725.00 |  | 79.91 | 0.00 |
| 345 | 270609.00 | 5069725.00 |  | 79.70 | 0.00 |
| 346 | 270809.00 | 5069725.00 |  | 76.99 | 0.00 |
| 347 | 271009.00 | 5069725.00 |  | 71.85 | 0.00 |
| 348 | 271209.00 | 5069725.00 |  | 68.85 | 0.00 |
| 349 | 271409.00 | 5069725.00 |  | 70.61 | 0.00 |
| 350 | 271609.00 | 5069725.00 |  | 72.36 | 0.00 |
| 351 | 271809.00 | 5069725.00 |  | 74.24 | 0.00 |
| 352 | 272009.00 | 5069725.00 |  | 76.96 | 0.00 |
| 353 | 272209.00 | 5069725.00 |  | 76.30 | 0.00 |
| 354 | 272409.00 | 5069725.00 |  | 75.89 | 0.00 |
| 355 | 272609.00 | 5069725.00 |  | 75.22 | 0.00 |
| 356 | 272809.00 | 5069725.00 |  | 75.18 | 0.00 |
| 357 | 273009.00 | 5069725.00 |  | 75.73 | 0.00 |
| 358 | 273209.00 | 5069725.00 |  | 75.35 | 0.00 |
| 359 | 273409.00 | 5069725.00 |  | 76.29 | 0.00 |
| 360 | 273609.00 | 5069725.00 |  | 76.02 | 0.00 |
| 361 | 273809.00 | 5069725.00 |  | 75.28 | 0.00 |
| 362 | 274009.00 | 5069725.00 |  | 74.54 | 0.00 |
| 363 | 274209.00 | 5069725.00 |  | 73.80 | 0.00 |
| 364 | 274409.00 | 5069725.00 |  | 73.06 | 0.00 |
| 365 | 274609.00 | 5069725.00 |  | 72.38 | 0.00 |
| 366 | 274809.00 | 5069725.00 |  | 71.48 | 0.00 |
| 367 | 275009.00 | 5069725.00 |  | 70.27 | 0.00 |
| 368 | 275209.00 | 5069725.00 |  | 69.41 | 0.00 |
| 369 | 275409.00 | 5069725.00 |  | 68.59 | 0.00 |
| 370 | 275609.00 | 5069725.00 |  | 67.89 | 0.00 |
| 371 | 275809.00 | 5069725.00 |  | 67.06 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 372 | 276009.00 | 5069725.00 |  | 66.23 | 0.00 |
| 373 | 276209.00 | 5069725.00 |  | 65.41 | 0.00 |
| 374 | 276409.00 | 5069725.00 |  | 64.58 | 0.00 |
| 375 | 276609.00 | 5069725.00 |  | 63.88 | 0.00 |
| 376 | 276809.00 | 5069725.00 |  | 63.79 | 0.00 |
| 377 | 277009.00 | 5069725.00 |  | 63.63 | 0.00 |
| 378 | 277209.00 | 5069725.00 |  | 63.46 | 0.00 |
| 379 | 269009.00 | 5069925.00 |  | 79.34 | 0.00 |
| 380 | 269209.00 | 5069925.00 |  | 79.27 | 0.00 |
| 381 | 269409.00 | 5069925.00 |  | 78.90 | 0.00 |
| 382 | 269609.00 | 5069925.00 |  | 79.74 | 0.00 |
| 383 | 269809.00 | 5069925.00 |  | 80.00 | 0.00 |
| 384 | 270009.00 | 5069925.00 |  | 80.00 | 0.00 |
| 385 | 270209.00 | 5069925.00 |  | 80.00 | 0.00 |
| 386 | 270409.00 | 5069925.00 |  | 80.70 | 0.00 |
| 387 | 270609.00 | 5069925.00 |  | 78.95 | 0.00 |
| 388 | 270809.00 | 5069925.00 |  | 73.81 | 0.00 |
| 389 | 271009.00 | 5069925.00 |  | 68.67 | 0.00 |
| 390 | 271209.00 | 5069925.00 |  | 66.51 | 0.00 |
| 391 | 271409.00 | 5069925.00 |  | 68.27 | 0.00 |
| 392 | 271609.00 | 5069925.00 |  | 70.54 | 0.00 |
| 393 | 271809.00 | 5069925.00 |  | 73.26 | 0.00 |
| 394 | 272009.00 | 5069925.00 |  | 75.98 | 0.00 |
| 395 | 272209.00 | 5069925.00 |  | 75.29 | 0.00 |
| 396 | 272409.00 | 5069925.00 |  | 74.34 | 0.00 |
| 397 | 273009.00 | 5069925.00 |  | 74.94 | 0.00 |
| 398 | 273209.00 | 5069925.00 |  | 74.93 | 0.00 |
| 399 | 273409.00 | 5069925.00 |  | 75.61 | 0.00 |
| 400 | 273609.00 | 5069925.00 |  | 76.64 | 0.00 |
| 401 | 273809.00 | 5069925.00 |  | 77.27 | 0.00 |
| 402 | 274009.00 | 5069925.00 |  | 76.53 | 0.00 |
| 403 | 274209.00 | 5069925.00 |  | 75.79 | 0.00 |
| 404 | 274409.00 | 5069925.00 |  | 75.04 | 0.00 |
| 405 | 274609.00 | 5069925.00 |  | 74.30 | 0.00 |
| 406 | 274809.00 | 5069925.00 |  | 73.08 | 0.00 |
| 407 | 275009.00 | 5069925.00 |  | 71.78 | 0.00 |
| 408 | 275209.00 | 5069925.00 |  | 70.44 | 0.00 |
| 409 | 275409.00 | 5069925.00 |  | 69.56 | 0.00 |
| 410 | 275609.00 | 5069925.00 |  | 68.80 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 411 | 275809.00 | 5069925.00 |  | 67.97 | 0.00 |
| 412 | 276009.00 | 5069925.00 |  | 67.12 | 0.00 |
| 413 | 276209.00 | 5069925.00 |  | 66.30 | 0.00 |
| 414 | 276409.00 | 5069925.00 |  | 65.47 | 0.00 |
| 415 | 276609.00 | 5069925.00 |  | 64.53 | 0.00 |
| 416 | 276809.00 | 5069925.00 |  | 63.93 | 0.00 |
| 417 | 277009.00 | 5069925.00 |  | 63.76 | 0.00 |
| 418 | 277209.00 | 5069925.00 |  | 63.60 | 0.00 |
| 419 | 269009.00 | 5070125.00 |  | 79.05 | 0.00 |
| 420 | 269209.00 | 5070125.00 |  | 79.19 | 0.00 |
| 421 | 269409.00 | 5070125.00 |  | 78.60 | 0.00 |
| 422 | 269609.00 | 5070125.00 |  | 79.50 | 0.00 |
| 423 | 269809.00 | 5070125.00 |  | 80.00 | 0.00 |
| 424 | 270009.00 | 5070125.00 |  | 80.00 | 0.00 |
| 425 | 270209.00 | 5070125.00 |  | 82.08 | 0.00 |
| 426 | 270409.00 | 5070125.00 |  | 85.97 | 0.00 |
| 427 | 270609.00 | 5070125.00 |  | 81.05 | 0.00 |
| 428 | 270809.00 | 5070125.00 |  | 72.57 | 0.00 |
| 429 | 271009.00 | 5070125.00 |  | 65.49 | 0.00 |
| 430 | 271209.00 | 5070125.00 |  | 64.17 | 0.00 |
| 431 | 271409.00 | 5070125.00 |  | 66.84 | 0.00 |
| 432 | 271609.00 | 5070125.00 |  | 69.57 | 0.00 |
| 433 | 271809.00 | 5070125.00 |  | 72.29 | 0.00 |
| 434 | 272009.00 | 5070125.00 |  | 75.01 | 0.00 |
| 435 | 272209.00 | 5070125.00 |  | 74.77 | 0.00 |
| 436 | 273209.00 | 5070125.00 |  | 74.24 | 0.00 |
| 437 | 273409.00 | 5070125.00 |  | 74.94 | 0.00 |
| 438 | 273609.00 | 5070125.00 |  | 75.97 | 0.00 |
| 439 | 273809.00 | 5070125.00 |  | 76.99 | 0.00 |
| 440 | 274009.00 | 5070125.00 |  | 78.02 | 0.00 |
| 441 | 274209.00 | 5070125.00 |  | 77.77 | 0.00 |
| 442 | 274409.00 | 5070125.00 |  | 77.07 | 0.00 |
| 443 | 274609.00 | 5070125.00 |  | 75.85 | 0.00 |
| 444 | 274809.00 | 5070125.00 |  | 74.52 | 0.00 |
| 445 | 275009.00 | 5070125.00 |  | 73.15 | 0.00 |
| 446 | 275209.00 | 5070125.00 |  | 71.74 | 0.00 |
| 447 | 275409.00 | 5070125.00 |  | 70.34 | 0.00 |
| 448 | 275609.00 | 5070125.00 |  | 69.63 | 0.00 |
| 449 | 275809.00 | 5070125.00 |  | 68.85 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 450 | 276009.00 | 5070125.00 |  | 68.04 | 0.00 |
| 451 | 276209.00 | 5070125.00 |  | 67.19 | 0.00 |
| 452 | 276409.00 | 5070125.00 |  | 66.26 | 0.00 |
| 453 | 276609.00 | 5070125.00 |  | 65.31 | 0.00 |
| 454 | 276809.00 | 5070125.00 |  | 64.36 | 0.00 |
| 455 | 277009.00 | 5070125.00 |  | 63.90 | 0.00 |
| 456 | 277209.00 | 5070125.00 |  | 63.73 | 0.00 |
| 457 | 269009.00 | 5070325.00 |  | 79.67 | 0.00 |
| 458 | 269209.00 | 5070325.00 |  | 79.15 | 0.00 |
| 459 | 269409.00 | 5070325.00 |  | 78.43 | 0.00 |
| 460 | 269609.00 | 5070325.00 |  | 78.28 | 0.00 |
| 461 | 269809.00 | 5070325.00 |  | 79.28 | 0.00 |
| 462 | 270009.00 | 5070325.00 |  | 80.00 | 0.00 |
| 463 | 270209.00 | 5070325.00 |  | 88.58 | 0.00 |
| 464 | 270409.00 | 5070325.00 |  | 90.00 | 0.00 |
| 465 | 270609.00 | 5070325.00 |  | 83.60 | 0.00 |
| 466 | 270809.00 | 5070325.00 |  | 75.31 | 0.00 |
| 467 | 271009.00 | 5070325.00 |  | 67.86 | 0.00 |
| 468 | 271209.00 | 5070325.00 |  | 65.72 | 0.00 |
| 469 | 271409.00 | 5070325.00 |  | 66.42 | 0.00 |
| 470 | 271609.00 | 5070325.00 |  | 68.59 | 0.00 |
| 471 | 271809.00 | 5070325.00 |  | 71.31 | 0.00 |
| 472 | 272009.00 | 5070325.00 |  | 74.03 | 0.00 |
| 473 | 273409.00 | 5070325.00 |  | 74.26 | 0.00 |
| 474 | 273609.00 | 5070325.00 |  | 75.29 | 0.00 |
| 475 | 273809.00 | 5070325.00 |  | 76.32 | 0.00 |
| 476 | 274009.00 | 5070325.00 |  | 77.34 | 0.00 |
| 477 | 274209.00 | 5070325.00 |  | 78.45 | 0.00 |
| 478 | 274409.00 | 5070325.00 |  | 78.49 | 0.00 |
| 479 | 274609.00 | 5070325.00 |  | 77.07 | 0.00 |
| 480 | 274809.00 | 5070325.00 |  | 75.66 | 0.00 |
| 481 | 275009.00 | 5070325.00 |  | 74.25 | 0.00 |
| 482 | 275209.00 | 5070325.00 |  | 72.84 | 0.00 |
| 483 | 275409.00 | 5070325.00 |  | 71.45 | 0.00 |
| 484 | 275609.00 | 5070325.00 |  | 70.74 | 0.00 |
| 485 | 275809.00 | 5070325.00 |  | 69.75 | 0.00 |
| 486 | 276009.00 | 5070325.00 |  | 68.91 | 0.00 |
| 487 | 276209.00 | 5070325.00 |  | 68.01 | 0.00 |
| 488 | 276409.00 | 5070325.00 |  | 67.03 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 489 | 276609.00 | 5070325.00 |  | 66.09 | 0.00 |
| 490 | 276809.00 | 5070325.00 |  | 65.14 | 0.00 |
| 491 | 277009.00 | 5070325.00 |  | 64.19 | 0.00 |
| 492 | 277209.00 | 5070325.00 |  | 63.87 | 0.00 |
| 493 | 269009.00 | 5070525.00 |  | 79.71 | 0.00 |
| 494 | 269209.00 | 5070525.00 |  | 79.22 | 0.00 |
| 495 | 269409.00 | 5070525.00 |  | 78.76 | 0.00 |
| 496 | 269609.00 | 5070525.00 |  | 78.37 | 0.00 |
| 497 | 269809.00 | 5070525.00 |  | 78.74 | 0.00 |
| 498 | 270009.00 | 5070525.00 |  | 79.85 | 0.00 |
| 499 | 270209.00 | 5070525.00 |  | 84.19 | 0.00 |
| 500 | 270409.00 | 5070525.00 |  | 90.00 | 0.00 |
| 501 | 270609.00 | 5070525.00 |  | 87.67 | 0.00 |
| 502 | 270809.00 | 5070525.00 |  | 80.65 | 0.00 |
| 503 | 271009.00 | 5070525.00 |  | 76.52 | 0.00 |
| 504 | 271209.00 | 5070525.00 |  | 73.23 | 0.00 |
| 505 | 271409.00 | 5070525.00 |  | 72.50 | 0.00 |
| 506 | 271609.00 | 5070525.00 |  | 72.03 | 0.00 |
| 507 | 271809.00 | 5070525.00 |  | 72.70 | 0.00 |
| 508 | 273609.00 | 5070525.00 |  | 74.99 | 0.00 |
| 509 | 273809.00 | 5070525.00 |  | 76.16 | 0.00 |
| 510 | 274009.00 | 5070525.00 |  | 77.32 | 0.00 |
| 511 | 274209.00 | 5070525.00 |  | 78.49 | 0.00 |
| 512 | 274409.00 | 5070525.00 |  | 78.75 | 0.00 |
| 513 | 274609.00 | 5070525.00 |  | 78.17 | 0.00 |
| 514 | 274809.00 | 5070525.00 |  | 76.76 | 0.00 |
| 515 | 275009.00 | 5070525.00 |  | 75.34 | 0.00 |
| 516 | 275209.00 | 5070525.00 |  | 73.93 | 0.00 |
| 517 | 275409.00 | 5070525.00 |  | 72.73 | 0.00 |
| 518 | 275609.00 | 5070525.00 |  | 71.84 | 0.00 |
| 519 | 275809.00 | 5070525.00 |  | 70.75 | 0.00 |
| 520 | 276009.00 | 5070525.00 |  | 69.74 | 0.00 |
| 521 | 276209.00 | 5070525.00 |  | 68.76 | 0.00 |
| 522 | 276409.00 | 5070525.00 |  | 67.81 | 0.00 |
| 523 | 276609.00 | 5070525.00 |  | 66.86 | 0.00 |
| 524 | 276809.00 | 5070525.00 |  | 65.91 | 0.00 |
| 525 | 277009.00 | 5070525.00 |  | 64.96 | 0.00 |
| 526 | 277209.00 | 5070525.00 |  | 64.04 | 0.00 |
| 527 | 269009.00 | 5070725.00 |  | 80.00 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 528 | 269209.00 | 5070725.00 |  | 79.64 | 0.00 |
| 529 | 269409.00 | 5070725.00 |  | 79.22 | 0.00 |
| 530 | 269609.00 | 5070725.00 |  | 78.96 | 0.00 |
| 531 | 269809.00 | 5070725.00 |  | 79.32 | 0.00 |
| 532 | 270009.00 | 5070725.00 |  | 79.80 | 0.00 |
| 533 | 270209.00 | 5070725.00 |  | 83.58 | 0.00 |
| 534 | 270409.00 | 5070725.00 |  | 90.00 | 0.00 |
| 535 | 270609.00 | 5070725.00 |  | 90.00 | 0.00 |
| 536 | 270809.00 | 5070725.00 |  | 88.46 | 0.00 |
| 537 | 271009.00 | 5070725.00 |  | 85.17 | 0.00 |
| 538 | 271209.00 | 5070725.00 |  | 81.88 | 0.00 |
| 539 | 271409.00 | 5070725.00 |  | 78.60 | 0.00 |
| 540 | 271609.00 | 5070725.00 |  | 79.28 | 0.00 |
| 541 | 271809.00 | 5070725.00 |  | 77.57 | 0.00 |
| 542 | 273809.00 | 5070725.00 |  | 76.19 | 0.00 |
| 543 | 274009.00 | 5070725.00 |  | 77.36 | 0.00 |
| 544 | 274209.00 | 5070725.00 |  | 78.52 | 0.00 |
| 545 | 274409.00 | 5070725.00 |  | 78.74 | 0.00 |
| 546 | 274609.00 | 5070725.00 |  | 78.30 | 0.00 |
| 547 | 274809.00 | 5070725.00 |  | 77.85 | 0.00 |
| 548 | 275009.00 | 5070725.00 |  | 76.44 | 0.00 |
| 549 | 275209.00 | 5070725.00 |  | 75.03 | 0.00 |
| 550 | 275409.00 | 5070725.00 |  | 74.01 | 0.00 |
| 551 | 275609.00 | 5070725.00 |  | 72.91 | 0.00 |
| 552 | 275809.00 | 5070725.00 |  | 71.77 | 0.00 |
| 553 | 276009.00 | 5070725.00 |  | 70.59 | 0.00 |
| 554 | 276209.00 | 5070725.00 |  | 69.53 | 0.00 |
| 555 | 276409.00 | 5070725.00 |  | 68.59 | 0.00 |
| 556 | 276609.00 | 5070725.00 |  | 67.63 | 0.00 |
| 557 | 276809.00 | 5070725.00 |  | 66.74 | 0.00 |
| 558 | 277009.00 | 5070725.00 |  | 65.90 | 0.00 |
| 559 | 277209.00 | 5070725.00 |  | 64.98 | 0.00 |
| 560 | 269009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 561 | 269209.00 | 5070925.00 |  | 80.00 | 0.00 |
| 562 | 269409.00 | 5070925.00 |  | 79.80 | 0.00 |
| 563 | 269609.00 | 5070925.00 |  | 79.55 | 0.00 |
| 564 | 269809.00 | 5070925.00 |  | 79.90 | 0.00 |
| 565 | 270009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 566 | 270209.00 | 5070925.00 |  | 82.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 567 | 270409.00 | 5070925.00 |  | 90.00 | 0.00 |
| 568 | 270609.00 | 5070925.00 |  | 90.00 | 0.00 |
| 569 | 270809.00 | 5070925.00 |  | 89.84 | 0.00 |
| 570 | 271009.00 | 5070925.00 |  | 87.30 | 0.00 |
| 571 | 271209.00 | 5070925.00 |  | 85.08 | 0.00 |
| 572 | 271409.00 | 5070925.00 |  | 81.55 | 0.00 |
| 573 | 271609.00 | 5070925.00 |  | 80.21 | 0.00 |
| 574 | 271809.00 | 5070925.00 |  | 80.00 | 0.00 |
| 575 | 272009.00 | 5070925.00 |  | 79.32 | 0.00 |
| 576 | 274009.00 | 5070925.00 |  | 77.39 | 0.00 |
| 577 | 274209.00 | 5070925.00 |  | 78.56 | 0.00 |
| 578 | 274409.00 | 5070925.00 |  | 78.73 | 0.00 |
| 579 | 274609.00 | 5070925.00 |  | 78.28 | 0.00 |
| 580 | 274809.00 | 5070925.00 |  | 77.84 | 0.00 |
| 581 | 275009.00 | 5070925.00 |  | 77.40 | 0.00 |
| 582 | 275209.00 | 5070925.00 |  | 76.12 | 0.00 |
| 583 | 275409.00 | 5070925.00 |  | 75.07 | 0.00 |
| 584 | 275609.00 | 5070925.00 |  | 73.88 | 0.00 |
| 585 | 275809.00 | 5070925.00 |  | 72.71 | 0.00 |
| 586 | 276009.00 | 5070925.00 |  | 71.50 | 0.00 |
| 587 | 276209.00 | 5070925.00 |  | 70.32 | 0.00 |
| 588 | 276409.00 | 5070925.00 |  | 69.44 | 0.00 |
| 589 | 276609.00 | 5070925.00 |  | 68.55 | 0.00 |
| 590 | 276809.00 | 5070925.00 |  | 67.73 | 0.00 |
| 591 | 277009.00 | 5070925.00 |  | 66.89 | 0.00 |
| 592 | 277209.00 | 5070925.00 |  | 65.93 | 0.00 |
| 593 | 269009.00 | 5071125.00 |  | 83.50 | 0.00 |
| 594 | 269209.00 | 5071125.00 |  | 80.34 | 0.00 |
| 595 | 269409.00 | 5071125.00 |  | 80.12 | 0.00 |
| 596 | 269609.00 | 5071125.00 |  | 80.00 | 0.00 |
| 597 | 269809.00 | 5071125.00 |  | 80.00 | 0.00 |
| 598 | 270009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 599 | 270209.00 | 5071125.00 |  | 81.91 | 0.00 |
| 600 | 270409.00 | 5071125.00 |  | 87.07 | 0.00 |
| 601 | 270609.00 | 5071125.00 |  | 90.00 | 0.00 |
| 602 | 270809.00 | 5071125.00 |  | 90.00 | 0.00 |
| 603 | 271009.00 | 5071125.00 |  | 89.04 | 0.00 |
| 604 | 271209.00 | 5071125.00 |  | 84.54 | 0.00 |
| 605 | 271409.00 | 5071125.00 |  | 84.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 606 | 271609.00 | 5071125.00 |  | 82.85 | 0.00 |
| 607 | 271809.00 | 5071125.00 |  | 80.03 | 0.00 |
| 608 | 272009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 609 | 272209.00 | 5071125.00 |  | 78.52 | 0.00 |
| 610 | 274209.00 | 5071125.00 |  | 78.59 | 0.00 |
| 611 | 274409.00 | 5071125.00 |  | 78.71 | 0.00 |
| 612 | 274609.00 | 5071125.00 |  | 78.27 | 0.00 |
| 613 | 274809.00 | 5071125.00 |  | 77.83 | 0.00 |
| 614 | 275009.00 | 5071125.00 |  | 77.38 | 0.00 |
| 615 | 275209.00 | 5071125.00 |  | 76.95 | 0.00 |
| 616 | 275409.00 | 5071125.00 |  | 75.91 | 0.00 |
| 617 | 275609.00 | 5071125.00 |  | 74.69 | 0.00 |
| 618 | 275809.00 | 5071125.00 |  | 73.47 | 0.00 |
| 619 | 276009.00 | 5071125.00 |  | 72.26 | 0.00 |
| 620 | 276209.00 | 5071125.00 |  | 71.18 | 0.00 |
| 621 | 276409.00 | 5071125.00 |  | 70.34 | 0.00 |
| 622 | 276609.00 | 5071125.00 |  | 69.55 | 0.00 |
| 623 | 276809.00 | 5071125.00 |  | 68.77 | 0.00 |
| 624 | 277009.00 | 5071125.00 |  | 67.86 | 0.00 |
| 625 | 277209.00 | 5071125.00 |  | 66.88 | 0.00 |
| 626 | 269009.00 | 5071325.00 |  | 86.87 | 0.00 |
| 627 | 269209.00 | 5071325.00 |  | 80.49 | 0.00 |
| 628 | 269409.00 | 5071325.00 |  | 80.40 | 0.00 |
| 629 | 269609.00 | 5071325.00 |  | 80.20 | 0.00 |
| 630 | 269809.00 | 5071325.00 |  | 80.00 | 0.00 |
| 631 | 270009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 632 | 270209.00 | 5071325.00 |  | 80.00 | 0.00 |
| 633 | 270409.00 | 5071325.00 |  | 82.30 | 0.00 |
| 634 | 270609.00 | 5071325.00 |  | 88.51 | 0.00 |
| 635 | 270809.00 | 5071325.00 |  | 92.82 | 0.00 |
| 636 | 271009.00 | 5071325.00 |  | 91.53 | 0.00 |
| 637 | 271209.00 | 5071325.00 |  | 90.00 | 0.00 |
| 638 | 271409.00 | 5071325.00 |  | 87.26 | 0.00 |
| 639 | 271609.00 | 5071325.00 |  | 84.37 | 0.00 |
| 640 | 271809.00 | 5071325.00 |  | 81.39 | 0.00 |
| 641 | 272009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 642 | 272209.00 | 5071325.00 |  | 78.86 | 0.00 |
| 643 | 272409.00 | 5071325.00 |  | 77.15 | 0.00 |
| 644 | 274209.00 | 5071325.00 |  | 78.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 645 | 274409.00 | 5071325.00 |  | 78.70 | 0.00 |
| 646 | 274609.00 | 5071325.00 |  | 78.24 | 0.00 |
| 647 | 274809.00 | 5071325.00 |  | 77.77 | 0.00 |
| 648 | 275009.00 | 5071325.00 |  | 77.30 | 0.00 |
| 649 | 275209.00 | 5071325.00 |  | 76.90 | 0.00 |
| 650 | 275409.00 | 5071325.00 |  | 76.65 | 0.00 |
| 651 | 275609.00 | 5071325.00 |  | 75.45 | 0.00 |
| 652 | 275809.00 | 5071325.00 |  | 74.23 | 0.00 |
| 653 | 276009.00 | 5071325.00 |  | 73.02 | 0.00 |
| 654 | 276209.00 | 5071325.00 |  | 72.12 | 0.00 |
| 655 | 276409.00 | 5071325.00 |  | 71.32 | 0.00 |
| 656 | 276609.00 | 5071325.00 |  | 70.54 | 0.00 |
| 657 | 276809.00 | 5071325.00 |  | 69.73 | 0.00 |
| 658 | 277009.00 | 5071325.00 |  | 68.81 | 0.00 |
| 659 | 277209.00 | 5071325.00 |  | 67.82 | 0.00 |
| 660 | 269009.00 | 5071525.00 |  | 86.19 | 0.00 |
| 661 | 269209.00 | 5071525.00 |  | 80.84 | 0.00 |
| 662 | 269409.00 | 5071525.00 |  | 80.57 | 0.00 |
| 663 | 269609.00 | 5071525.00 |  | 80.25 | 0.00 |
| 664 | 269809.00 | 5071525.00 |  | 80.00 | 0.00 |
| 665 | 270009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 666 | 270209.00 | 5071525.00 |  | 80.00 | 0.00 |
| 667 | 270409.00 | 5071525.00 |  | 80.00 | 0.00 |
| 668 | 270609.00 | 5071525.00 |  | 84.96 | 0.00 |
| 669 | 270809.00 | 5071525.00 |  | 88.51 | 0.00 |
| 670 | 271009.00 | 5071525.00 |  | 90.00 | 0.00 |
| 671 | 271209.00 | 5071525.00 |  | 90.00 | 0.00 |
| 672 | 271409.00 | 5071525.00 |  | 87.51 | 0.00 |
| 673 | 271609.00 | 5071525.00 |  | 84.04 | 0.00 |
| 674 | 271809.00 | 5071525.00 |  | 80.88 | 0.00 |
| 675 | 272009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 676 | 272209.00 | 5071525.00 |  | 79.79 | 0.00 |
| 677 | 272409.00 | 5071525.00 |  | 78.06 | 0.00 |
| 678 | 272609.00 | 5071525.00 |  | 76.48 | 0.00 |
| 679 | 274009.00 | 5071525.00 |  | 77.44 | 0.00 |
| 680 | 274209.00 | 5071525.00 |  | 78.38 | 0.00 |
| 681 | 274409.00 | 5071525.00 |  | 78.62 | 0.00 |
| 682 | 274609.00 | 5071525.00 |  | 78.15 | 0.00 |
| 683 | 274809.00 | 5071525.00 |  | 77.68 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 684 | 275009.00 | 5071525.00 |  | 77.21 | 0.00 |
| 685 | 275209.00 | 5071525.00 |  | 76.86 | 0.00 |
| 686 | 275409.00 | 5071525.00 |  | 76.60 | 0.00 |
| 687 | 275609.00 | 5071525.00 |  | 76.21 | 0.00 |
| 688 | 275809.00 | 5071525.00 |  | 74.99 | 0.00 |
| 689 | 276009.00 | 5071525.00 |  | 73.89 | 0.00 |
| 690 | 276209.00 | 5071525.00 |  | 73.08 | 0.00 |
| 691 | 276409.00 | 5071525.00 |  | 72.29 | 0.00 |
| 692 | 276609.00 | 5071525.00 |  | 71.46 | 0.00 |
| 693 | 276809.00 | 5071525.00 |  | 70.58 | 0.00 |
| 694 | 277009.00 | 5071525.00 |  | 69.66 | 0.00 |
| 695 | 277209.00 | 5071525.00 |  | 68.62 | 0.00 |
| 696 | 269009.00 | 5071725.00 |  | 83.51 | 0.00 |
| 697 | 269209.00 | 5071725.00 |  | 82.08 | 0.00 |
| 698 | 269409.00 | 5071725.00 |  | 80.98 | 0.00 |
| 699 | 269609.00 | 5071725.00 |  | 80.28 | 0.00 |
| 700 | 269809.00 | 5071725.00 |  | 80.00 | 0.00 |
| 701 | 270009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 702 | 270209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 703 | 270409.00 | 5071725.00 |  | 80.00 | 0.00 |
| 704 | 270609.00 | 5071725.00 |  | 80.58 | 0.00 |
| 705 | 270809.00 | 5071725.00 |  | 84.67 | 0.00 |
| 706 | 271009.00 | 5071725.00 |  | 87.86 | 0.00 |
| 707 | 271209.00 | 5071725.00 |  | 89.11 | 0.00 |
| 708 | 271409.00 | 5071725.00 |  | 86.23 | 0.00 |
| 709 | 271609.00 | 5071725.00 |  | 83.30 | 0.00 |
| 710 | 271809.00 | 5071725.00 |  | 80.56 | 0.00 |
| 711 | 272009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 712 | 272209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 713 | 272409.00 | 5071725.00 |  | 78.95 | 0.00 |
| 714 | 272609.00 | 5071725.00 |  | 77.52 | 0.00 |
| 715 | 272809.00 | 5071725.00 |  | 77.45 | 0.00 |
| 716 | 273809.00 | 5071725.00 |  | 76.00 | 0.00 |
| 717 | 274009.00 | 5071725.00 |  | 76.94 | 0.00 |
| 718 | 274209.00 | 5071725.00 |  | 77.82 | 0.00 |
| 719 | 274409.00 | 5071725.00 |  | 78.09 | 0.00 |
| 720 | 274609.00 | 5071725.00 |  | 78.06 | 0.00 |
| 721 | 274809.00 | 5071725.00 |  | 77.59 | 0.00 |
| 722 | 275009.00 | 5071725.00 |  | 77.12 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 723 | 275209.00 | 5071725.00 |  | 76.81 | 0.00 |
| 724 | 275409.00 | 5071725.00 |  | 76.55 | 0.00 |
| 725 | 275609.00 | 5071725.00 |  | 76.30 | 0.00 |
| 726 | 275809.00 | 5071725.00 |  | 75.75 | 0.00 |
| 727 | 276009.00 | 5071725.00 |  | 74.84 | 0.00 |
| 728 | 276209.00 | 5071725.00 |  | 73.97 | 0.00 |
| 729 | 276409.00 | 5071725.00 |  | 73.04 | 0.00 |
| 730 | 276609.00 | 5071725.00 |  | 72.15 | 0.00 |
| 731 | 276809.00 | 5071725.00 |  | 71.27 | 0.00 |
| 732 | 277009.00 | 5071725.00 |  | 70.38 | 0.00 |
| 733 | 277209.00 | 5071725.00 |  | 69.45 | 0.00 |
| 734 | 269009.00 | 5071925.00 |  | 85.79 | 0.00 |
| 735 | 269209.00 | 5071925.00 |  | 84.50 | 0.00 |
| 736 | 269409.00 | 5071925.00 |  | 83.40 | 0.00 |
| 737 | 269609.00 | 5071925.00 |  | 82.29 | 0.00 |
| 738 | 269809.00 | 5071925.00 |  | 80.26 | 0.00 |
| 739 | 270009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 740 | 270209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 741 | 270409.00 | 5071925.00 |  | 80.00 | 0.00 |
| 742 | 270609.00 | 5071925.00 |  | 80.00 | 0.00 |
| 743 | 270809.00 | 5071925.00 |  | 81.90 | 0.00 |
| 744 | 271009.00 | 5071925.00 |  | 84.79 | 0.00 |
| 745 | 271209.00 | 5071925.00 |  | 85.80 | 0.00 |
| 746 | 271409.00 | 5071925.00 |  | 82.94 | 0.00 |
| 747 | 271609.00 | 5071925.00 |  | 82.56 | 0.00 |
| 748 | 271809.00 | 5071925.00 |  | 81.45 | 0.00 |
| 749 | 272009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 750 | 272209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 751 | 272409.00 | 5071925.00 |  | 79.98 | 0.00 |
| 752 | 272609.00 | 5071925.00 |  | 78.61 | 0.00 |
| 753 | 272809.00 | 5071925.00 |  | 78.32 | 0.00 |
| 754 | 273009.00 | 5071925.00 |  | 77.77 | 0.00 |
| 755 | 273609.00 | 5071925.00 |  | 74.55 | 0.00 |
| 756 | 273809.00 | 5071925.00 |  | 75.49 | 0.00 |
| 757 | 274009.00 | 5071925.00 |  | 76.44 | 0.00 |
| 758 | 274209.00 | 5071925.00 |  | 77.25 | 0.00 |
| 759 | 274409.00 | 5071925.00 |  | 77.55 | 0.00 |
| 760 | 274609.00 | 5071925.00 |  | 77.53 | 0.00 |
| 761 | 274809.00 | 5071925.00 |  | 77.51 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 762 | 275009.00 | 5071925.00 |  | 77.04 | 0.00 |
| 763 | 275209.00 | 5071925.00 |  | 76.76 | 0.00 |
| 764 | 275409.00 | 5071925.00 |  | 76.51 | 0.00 |
| 765 | 275609.00 | 5071925.00 |  | 76.26 | 0.00 |
| 766 | 275809.00 | 5071925.00 |  | 76.02 | 0.00 |
| 767 | 276009.00 | 5071925.00 |  | 75.69 | 0.00 |
| 768 | 276209.00 | 5071925.00 |  | 74.80 | 0.00 |
| 769 | 276409.00 | 5071925.00 |  | 73.92 | 0.00 |
| 770 | 276609.00 | 5071925.00 |  | 73.04 | 0.00 |
| 771 | 276809.00 | 5071925.00 |  | 72.16 | 0.00 |
| 772 | 277009.00 | 5071925.00 |  | 71.21 | 0.00 |
| 773 | 277209.00 | 5071925.00 |  | 70.00 | 0.00 |
| 774 | 269009.00 | 5072125.00 |  | 88.26 | 0.00 |
| 775 | 269209.00 | 5072125.00 |  | 86.91 | 0.00 |
| 776 | 269409.00 | 5072125.00 |  | 85.81 | 0.00 |
| 777 | 269609.00 | 5072125.00 |  | 83.75 | 0.00 |
| 778 | 269809.00 | 5072125.00 |  | 81.10 | 0.00 |
| 779 | 270009.00 | 5072125.00 |  | 81.04 | 0.00 |
| 780 | 270209.00 | 5072125.00 |  | 80.79 | 0.00 |
| 781 | 270409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 782 | 270609.00 | 5072125.00 |  | 80.00 | 0.00 |
| 783 | 270809.00 | 5072125.00 |  | 80.00 | 0.00 |
| 784 | 271009.00 | 5072125.00 |  | 81.35 | 0.00 |
| 785 | 271209.00 | 5072125.00 |  | 82.49 | 0.00 |
| 786 | 271409.00 | 5072125.00 |  | 81.36 | 0.00 |
| 787 | 271609.00 | 5072125.00 |  | 81.13 | 0.00 |
| 788 | 271809.00 | 5072125.00 |  | 80.91 | 0.00 |
| 789 | 272009.00 | 5072125.00 |  | 80.00 | 0.00 |
| 790 | 272209.00 | 5072125.00 |  | 80.00 | 0.00 |
| 791 | 272409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 792 | 272609.00 | 5072125.00 |  | 79.74 | 0.00 |
| 793 | 272809.00 | 5072125.00 |  | 79.19 | 0.00 |
| 794 | 273009.00 | 5072125.00 |  | 78.64 | 0.00 |
| 795 | 273209.00 | 5072125.00 |  | 77.54 | 0.00 |
| 796 | 273609.00 | 5072125.00 |  | 74.05 | 0.00 |
| 797 | 273809.00 | 5072125.00 |  | 74.99 | 0.00 |
| 798 | 274009.00 | 5072125.00 |  | 75.90 | 0.00 |
| 799 | 274209.00 | 5072125.00 |  | 76.69 | 0.00 |
| 800 | 274409.00 | 5072125.00 |  | 77.01 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 801 | 274609.00 | 5072125.00 |  | 76.99 | 0.00 |
| 802 | 274809.00 | 5072125.00 |  | 76.97 | 0.00 |
| 803 | 275009.00 | 5072125.00 |  | 76.98 | 0.00 |
| 804 | 275209.00 | 5072125.00 |  | 76.74 | 0.00 |
| 805 | 275409.00 | 5072125.00 |  | 76.50 | 0.00 |
| 806 | 275609.00 | 5072125.00 |  | 76.25 | 0.00 |
| 807 | 275809.00 | 5072125.00 |  | 76.01 | 0.00 |
| 808 | 276009.00 | 5072125.00 |  | 76.00 | 0.00 |
| 809 | 276209.00 | 5072125.00 |  | 75.70 | 0.00 |
| 810 | 276409.00 | 5072125.00 |  | 74.82 | 0.00 |
| 811 | 276609.00 | 5072125.00 |  | 73.94 | 0.00 |
| 812 | 276809.00 | 5072125.00 |  | 73.06 | 0.00 |
| 813 | 277009.00 | 5072125.00 |  | 72.02 | 0.00 |
| 814 | 277209.00 | 5072125.00 |  | 70.82 | 0.00 |
| 815 | 269009.00 | 5072325.00 |  | 90.00 | 0.00 |
| 816 | 269209.00 | 5072325.00 |  | 89.32 | 0.00 |
| 817 | 269409.00 | 5072325.00 |  | 87.38 | 0.00 |
| 818 | 269609.00 | 5072325.00 |  | 85.43 | 0.00 |
| 819 | 269809.00 | 5072325.00 |  | 83.89 | 0.00 |
| 820 | 270009.00 | 5072325.00 |  | 84.28 | 0.00 |
| 821 | 270209.00 | 5072325.00 |  | 83.43 | 0.00 |
| 822 | 270409.00 | 5072325.00 |  | 82.20 | 0.00 |
| 823 | 270609.00 | 5072325.00 |  | 80.47 | 0.00 |
| 824 | 270809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 825 | 271009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 826 | 271209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 827 | 271409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 828 | 271609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 829 | 271809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 830 | 272009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 831 | 272209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 832 | 272409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 833 | 272609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 834 | 272809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 835 | 273009.00 | 5072325.00 |  | 79.52 | 0.00 |
| 836 | 273209.00 | 5072325.00 |  | 78.64 | 0.00 |
| 837 | 273409.00 | 5072325.00 |  | 76.73 | 0.00 |
| 838 | 273609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 839 | 273809.00 | 5072325.00 |  | 74.49 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 840 | 274009.00 | 5072325.00 |  | 75.33 | 0.00 |
| 841 | 274209.00 | 5072325.00 |  | 76.12 | 0.00 |
| 842 | 274409.00 | 5072325.00 |  | 76.47 | 0.00 |
| 843 | 274609.00 | 5072325.00 |  | 76.45 | 0.00 |
| 844 | 274809.00 | 5072325.00 |  | 76.63 | 0.00 |
| 845 | 275009.00 | 5072325.00 |  | 76.82 | 0.00 |
| 846 | 275209.00 | 5072325.00 |  | 76.73 | 0.00 |
| 847 | 275409.00 | 5072325.00 |  | 76.49 | 0.00 |
| 848 | 275609.00 | 5072325.00 |  | 76.25 | 0.00 |
| 849 | 275809.00 | 5072325.00 |  | 76.01 | 0.00 |
| 850 | 276009.00 | 5072325.00 |  | 76.00 | 0.00 |
| 851 | 276209.00 | 5072325.00 |  | 76.00 | 0.00 |
| 852 | 276409.00 | 5072325.00 |  | 75.71 | 0.00 |
| 853 | 276609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 854 | 276809.00 | 5072325.00 |  | 73.95 | 0.00 |
| 855 | 277009.00 | 5072325.00 |  | 72.83 | 0.00 |
| 856 | 277209.00 | 5072325.00 |  | 71.88 | 0.00 |
| 857 | 269009.00 | 5072525.00 |  | 90.00 | 0.00 |
| 858 | 269209.00 | 5072525.00 |  | 90.00 | 0.00 |
| 859 | 269409.00 | 5072525.00 |  | 89.94 | 0.00 |
| 860 | 269609.00 | 5072525.00 |  | 87.87 | 0.00 |
| 861 | 269809.00 | 5072525.00 |  | 87.09 | 0.00 |
| 862 | 270009.00 | 5072525.00 |  | 87.05 | 0.00 |
| 863 | 270209.00 | 5072525.00 |  | 85.80 | 0.00 |
| 864 | 270409.00 | 5072525.00 |  | 83.80 | 0.00 |
| 865 | 270609.00 | 5072525.00 |  | 82.29 | 0.00 |
| 866 | 270809.00 | 5072525.00 |  | 80.41 | 0.00 |
| 867 | 271009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 868 | 271209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 869 | 271409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 870 | 271609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 871 | 271809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 872 | 272009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 873 | 272209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 874 | 272409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 875 | 272609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 876 | 272809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 877 | 273009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 878 | 273209.00 | 5072525.00 |  | 79.73 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 879 | 273409.00 | 5072525.00 |  | 77.83 | 0.00 |
| 880 | 273609.00 | 5072525.00 |  | 75.98 | 0.00 |
| 881 | 273809.00 | 5072525.00 |  | 74.33 | 0.00 |
| 882 | 274009.00 | 5072525.00 |  | 75.15 | 0.00 |
| 883 | 274209.00 | 5072525.00 |  | 75.97 | 0.00 |
| 884 | 274409.00 | 5072525.00 |  | 76.08 | 0.00 |
| 885 | 274609.00 | 5072525.00 |  | 76.26 | 0.00 |
| 886 | 274809.00 | 5072525.00 |  | 76.45 | 0.00 |
| 887 | 275009.00 | 5072525.00 |  | 76.63 | 0.00 |
| 888 | 275209.00 | 5072525.00 |  | 76.58 | 0.00 |
| 889 | 275409.00 | 5072525.00 |  | 76.49 | 0.00 |
| 890 | 275609.00 | 5072525.00 |  | 76.25 | 0.00 |
| 891 | 275809.00 | 5072525.00 |  | 76.01 | 0.00 |
| 892 | 276009.00 | 5072525.00 |  | 76.00 | 0.00 |
| 893 | 276209.00 | 5072525.00 |  | 76.00 | 0.00 |
| 894 | 276409.00 | 5072525.00 |  | 76.00 | 0.00 |
| 895 | 276609.00 | 5072525.00 |  | 75.73 | 0.00 |
| 896 | 276809.00 | 5072525.00 |  | 74.84 | 0.00 |
| 897 | 277009.00 | 5072525.00 |  | 73.83 | 0.00 |
| 898 | 277209.00 | 5072525.00 |  | 72.99 | 0.00 |
| 899 | 269009.00 | 5072725.00 |  | 90.00 | 0.00 |
| 900 | 269209.00 | 5072725.00 |  | 90.00 | 0.00 |
| 901 | 269409.00 | 5072725.00 |  | 89.61 | 0.00 |
| 902 | 269609.00 | 5072725.00 |  | 90.00 | 0.00 |
| 903 | 269809.00 | 5072725.00 |  | 90.70 | 0.00 |
| 904 | 270009.00 | 5072725.00 |  | 89.40 | 0.00 |
| 905 | 270209.00 | 5072725.00 |  | 87.15 | 0.00 |
| 906 | 270409.00 | 5072725.00 |  | 85.39 | 0.00 |
| 907 | 270609.00 | 5072725.00 |  | 83.60 | 0.00 |
| 908 | 270809.00 | 5072725.00 |  | 81.03 | 0.00 |
| 909 | 271009.00 | 5072725.00 |  | 80.05 | 0.00 |
| 910 | 271209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 911 | 271409.00 | 5072725.00 |  | 80.00 | 0.00 |
| 912 | 271609.00 | 5072725.00 |  | 80.00 | 0.00 |
| 913 | 271809.00 | 5072725.00 |  | 80.00 | 0.00 |
| 914 | 272009.00 | 5072725.00 |  | 80.00 | 0.00 |
| 915 | 272209.00 | 5072725.00 |  | 80.01 | 0.00 |
| 916 | 272409.00 | 5072725.00 |  | 80.09 | 0.00 |
| 917 | 272609.00 | 5072725.00 |  | 80.16 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 918 | 272809.00 | 5072725.00 |  | 80.13 | 0.00 |
| 919 | 273009.00 | 5072725.00 |  | 80.04 | 0.00 |
| 920 | 273209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 921 | 273409.00 | 5072725.00 |  | 79.70 | 0.00 |
| 922 | 273609.00 | 5072725.00 |  | 78.26 | 0.00 |
| 923 | 273809.00 | 5072725.00 |  | 77.38 | 0.00 |
| 924 | 274009.00 | 5072725.00 |  | 77.72 | 0.00 |
| 925 | 274209.00 | 5072725.00 |  | 74.58 | 0.00 |
| 926 | 274409.00 | 5072725.00 |  | 74.87 | 0.00 |
| 927 | 274609.00 | 5072725.00 |  | 76.08 | 0.00 |
| 928 | 274809.00 | 5072725.00 |  | 76.26 | 0.00 |
| 929 | 275009.00 | 5072725.00 |  | 76.45 | 0.00 |
| 930 | 275209.00 | 5072725.00 |  | 76.43 | 0.00 |
| 931 | 275409.00 | 5072725.00 |  | 76.34 | 0.00 |
| 932 | 275609.00 | 5072725.00 |  | 76.24 | 0.00 |
| 933 | 275809.00 | 5072725.00 |  | 76.00 | 0.00 |
| 934 | 276009.00 | 5072725.00 |  | 76.00 | 0.00 |
| 935 | 276209.00 | 5072725.00 |  | 76.00 | 0.00 |
| 936 | 276409.00 | 5072725.00 |  | 76.00 | 0.00 |
| 937 | 276609.00 | 5072725.00 |  | 76.00 | 0.00 |
| 938 | 276809.00 | 5072725.00 |  | 75.73 | 0.00 |
| 939 | 277009.00 | 5072725.00 |  | 74.79 | 0.00 |
| 940 | 277209.00 | 5072725.00 |  | 73.86 | 0.00 |
| 941 | 269009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 942 | 269209.00 | 5072925.00 |  | 90.00 | 0.00 |
| 943 | 269409.00 | 5072925.00 |  | 88.17 | 0.00 |
| 944 | 269609.00 | 5072925.00 |  | 90.00 | 0.00 |
| 945 | 269809.00 | 5072925.00 |  | 97.67 | 0.00 |
| 946 | 270009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 947 | 270209.00 | 5072925.00 |  | 87.69 | 0.00 |
| 948 | 270409.00 | 5072925.00 |  | 85.10 | 0.00 |
| 949 | 270609.00 | 5072925.00 |  | 82.52 | 0.00 |
| 950 | 270809.00 | 5072925.00 |  | 80.00 | 0.00 |
| 951 | 271009.00 | 5072925.00 |  | 80.46 | 0.00 |
| 952 | 271209.00 | 5072925.00 |  | 80.06 | 0.00 |
| 953 | 271409.00 | 5072925.00 |  | 80.00 | 0.00 |
| 954 | 271609.00 | 5072925.00 |  | 80.00 | 0.00 |
| 955 | 271809.00 | 5072925.00 |  | 80.09 | 0.00 |
| 956 | 272009.00 | 5072925.00 |  | 80.19 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |        |      |
|-----|-----------|------------|--|--------|------|
| 957 | 272209.00 | 5072925.00 |  | 80.23  | 0.00 |
| 958 | 272409.00 | 5072925.00 |  | 80.30  | 0.00 |
| 959 | 272609.00 | 5072925.00 |  | 80.37  | 0.00 |
| 960 | 272809.00 | 5072925.00 |  | 80.35  | 0.00 |
| 961 | 273009.00 | 5072925.00 |  | 80.24  | 0.00 |
| 962 | 273209.00 | 5072925.00 |  | 80.10  | 0.00 |
| 963 | 273409.00 | 5072925.00 |  | 80.00  | 0.00 |
| 964 | 273609.00 | 5072925.00 |  | 80.00  | 0.00 |
| 965 | 273809.00 | 5072925.00 |  | 78.25  | 0.00 |
| 966 | 274009.00 | 5072925.00 |  | 75.10  | 0.00 |
| 967 | 274209.00 | 5072925.00 |  | 72.34  | 0.00 |
| 968 | 274409.00 | 5072925.00 |  | 72.94  | 0.00 |
| 969 | 274609.00 | 5072925.00 |  | 74.90  | 0.00 |
| 970 | 274809.00 | 5072925.00 |  | 76.08  | 0.00 |
| 971 | 275009.00 | 5072925.00 |  | 76.27  | 0.00 |
| 972 | 275209.00 | 5072925.00 |  | 76.27  | 0.00 |
| 973 | 275409.00 | 5072925.00 |  | 76.19  | 0.00 |
| 974 | 275609.00 | 5072925.00 |  | 76.10  | 0.00 |
| 975 | 275809.00 | 5072925.00 |  | 76.00  | 0.00 |
| 976 | 276009.00 | 5072925.00 |  | 75.96  | 0.00 |
| 977 | 276209.00 | 5072925.00 |  | 75.87  | 0.00 |
| 978 | 276409.00 | 5072925.00 |  | 75.79  | 0.00 |
| 979 | 276609.00 | 5072925.00 |  | 75.71  | 0.00 |
| 980 | 276809.00 | 5072925.00 |  | 75.65  | 0.00 |
| 981 | 277009.00 | 5072925.00 |  | 75.65  | 0.00 |
| 982 | 277209.00 | 5072925.00 |  | 74.72  | 0.00 |
| 983 | 269009.00 | 5073125.00 |  | 100.00 | 0.00 |
| 984 | 269209.00 | 5073125.00 |  | 97.27  | 0.00 |
| 985 | 269409.00 | 5073125.00 |  | 90.00  | 0.00 |
| 986 | 269609.00 | 5073125.00 |  | 90.00  | 0.00 |
| 987 | 269809.00 | 5073125.00 |  | 92.44  | 0.00 |
| 988 | 270009.00 | 5073125.00 |  | 89.31  | 0.00 |
| 989 | 270209.00 | 5073125.00 |  | 85.93  | 0.00 |
| 990 | 270409.00 | 5073125.00 |  | 84.01  | 0.00 |
| 991 | 270609.00 | 5073125.00 |  | 81.43  | 0.00 |
| 992 | 270809.00 | 5073125.00 |  | 80.27  | 0.00 |
| 993 | 271009.00 | 5073125.00 |  | 80.88  | 0.00 |
| 994 | 271209.00 | 5073125.00 |  | 80.44  | 0.00 |
| 995 | 271409.00 | 5073125.00 |  | 80.00  | 0.00 |



# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 996   | 271609.00 | 5073125.00 |  | 80.17  | 0.00 |
| 997   | 271809.00 | 5073125.00 |  | 80.37  | 0.00 |
| 998   | 272009.00 | 5073125.00 |  | 80.46  | 0.00 |
| 999   | 272209.00 | 5073125.00 |  | 80.48  | 0.00 |
| 1,000 | 272409.00 | 5073125.00 |  | 80.50  | 0.00 |
| 1,001 | 272609.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,002 | 272809.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,003 | 273009.00 | 5073125.00 |  | 80.44  | 0.00 |
| 1,004 | 273209.00 | 5073125.00 |  | 80.27  | 0.00 |
| 1,005 | 273409.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,006 | 273609.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,007 | 273809.00 | 5073125.00 |  | 78.91  | 0.00 |
| 1,008 | 274009.00 | 5073125.00 |  | 72.66  | 0.00 |
| 1,009 | 274209.00 | 5073125.00 |  | 70.68  | 0.00 |
| 1,010 | 274409.00 | 5073125.00 |  | 71.03  | 0.00 |
| 1,011 | 274609.00 | 5073125.00 |  | 72.97  | 0.00 |
| 1,012 | 274809.00 | 5073125.00 |  | 74.92  | 0.00 |
| 1,013 | 275009.00 | 5073125.00 |  | 76.08  | 0.00 |
| 1,014 | 275209.00 | 5073125.00 |  | 76.12  | 0.00 |
| 1,015 | 275409.00 | 5073125.00 |  | 76.03  | 0.00 |
| 1,016 | 275609.00 | 5073125.00 |  | 75.47  | 0.00 |
| 1,017 | 275809.00 | 5073125.00 |  | 75.06  | 0.00 |
| 1,018 | 276009.00 | 5073125.00 |  | 75.60  | 0.00 |
| 1,019 | 276209.00 | 5073125.00 |  | 75.52  | 0.00 |
| 1,020 | 276409.00 | 5073125.00 |  | 75.43  | 0.00 |
| 1,021 | 276609.00 | 5073125.00 |  | 75.35  | 0.00 |
| 1,022 | 276809.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,023 | 277009.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,024 | 277209.00 | 5073125.00 |  | 75.30  | 0.00 |
| 1,025 | 269009.00 | 5073325.00 |  | 100.00 | 0.00 |
| 1,026 | 269209.00 | 5073325.00 |  | 97.47  | 0.00 |
| 1,027 | 269409.00 | 5073325.00 |  | 92.94  | 0.00 |
| 1,028 | 269609.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,029 | 269809.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,030 | 270009.00 | 5073325.00 |  | 88.17  | 0.00 |
| 1,031 | 270209.00 | 5073325.00 |  | 84.04  | 0.00 |
| 1,032 | 270409.00 | 5073325.00 |  | 81.71  | 0.00 |
| 1,033 | 270609.00 | 5073325.00 |  | 80.34  | 0.00 |
| 1,034 | 270809.00 | 5073325.00 |  | 80.43  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 1,035 | 271009.00 | 5073325.00 |  | 80.67  | 0.00 |
| 1,036 | 271209.00 | 5073325.00 |  | 80.26  | 0.00 |
| 1,037 | 271409.00 | 5073325.00 |  | 80.02  | 0.00 |
| 1,038 | 271609.00 | 5073325.00 |  | 80.36  | 0.00 |
| 1,039 | 271809.00 | 5073325.00 |  | 80.64  | 0.00 |
| 1,040 | 272009.00 | 5073325.00 |  | 80.72  | 0.00 |
| 1,041 | 272209.00 | 5073325.00 |  | 80.74  | 0.00 |
| 1,042 | 272409.00 | 5073325.00 |  | 80.76  | 0.00 |
| 1,043 | 272609.00 | 5073325.00 |  | 80.78  | 0.00 |
| 1,044 | 272809.00 | 5073325.00 |  | 80.79  | 0.00 |
| 1,045 | 273009.00 | 5073325.00 |  | 80.56  | 0.00 |
| 1,046 | 273209.00 | 5073325.00 |  | 80.19  | 0.00 |
| 1,047 | 273409.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,048 | 273609.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,049 | 273809.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,050 | 274009.00 | 5073325.00 |  | 77.00  | 0.00 |
| 1,051 | 274209.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,052 | 274409.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,053 | 274609.00 | 5073325.00 |  | 71.15  | 0.00 |
| 1,054 | 274809.00 | 5073325.00 |  | 73.06  | 0.00 |
| 1,055 | 275009.00 | 5073325.00 |  | 74.97  | 0.00 |
| 1,056 | 275209.00 | 5073325.00 |  | 75.63  | 0.00 |
| 1,057 | 275409.00 | 5073325.00 |  | 74.77  | 0.00 |
| 1,058 | 275609.00 | 5073325.00 |  | 73.90  | 0.00 |
| 1,059 | 275809.00 | 5073325.00 |  | 73.99  | 0.00 |
| 1,060 | 276009.00 | 5073325.00 |  | 74.62  | 0.00 |
| 1,061 | 276209.00 | 5073325.00 |  | 75.16  | 0.00 |
| 1,062 | 276409.00 | 5073325.00 |  | 75.08  | 0.00 |
| 1,063 | 276609.00 | 5073325.00 |  | 74.99  | 0.00 |
| 1,064 | 276809.00 | 5073325.00 |  | 74.93  | 0.00 |
| 1,065 | 277009.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,066 | 277209.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,067 | 269009.00 | 5073525.00 |  | 97.76  | 0.00 |
| 1,068 | 269209.00 | 5073525.00 |  | 91.01  | 0.00 |
| 1,069 | 269409.00 | 5073525.00 |  | 90.00  | 0.00 |
| 1,070 | 269609.00 | 5073525.00 |  | 95.02  | 0.00 |
| 1,071 | 269809.00 | 5073525.00 |  | 100.00 | 0.00 |
| 1,072 | 270009.00 | 5073525.00 |  | 87.41  | 0.00 |
| 1,073 | 270209.00 | 5073525.00 |  | 81.58  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |    |       |      |
|-------|-----------|------------|----|-------|------|
| 1,074 | 270409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,075 | 270609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,076 | 270809.00 | 5073525.00 |    | 80.12 | 0.00 |
| 1,077 | 271009.00 | 5073525.00 |    | 80.23 | 0.00 |
| 1,078 | 271209.00 | 5073525.00 |    | 80.02 | 0.00 |
| 1,079 | 271409.00 | 5073525.00 |    | 80.19 | 0.00 |
| 1,080 | 271609.00 | 5073525.00 |    | 80.53 | 0.00 |
| 1,081 | 271809.00 | 5073525.00 |    | 80.87 | 0.00 |
| 1,082 | 272009.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,083 | 272209.00 | 5073525.00 |    | 81.00 | 0.00 |
| 1,084 | 272409.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,085 | 272609.00 | 5073525.00 |    | 80.96 | 0.00 |
| 1,086 | 272809.00 | 5073525.00 |    | 80.85 | 0.00 |
| 1,087 | 273009.00 | 5073525.00 |    | 80.48 | 0.00 |
| 1,088 | 273209.00 | 5073525.00 |    | 80.10 | 0.00 |
| 1,089 | 273409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,090 | 273609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,091 | 273809.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,092 | 274009.00 | 5073525.00 |    | 76.93 | 0.00 |
| 1,093 | 274209.00 | 5073525.00 |    | 72.09 | 0.00 |
| 1,094 | 274409.00 | 5073525.00 |    | 70.00 | 0.00 |
| 1,095 | 274609.00 | 5073525.00 |    | 70.93 | 0.00 |
| 1,096 | 274809.00 | 5073525.00 |    | 72.57 | 0.00 |
| 1,097 | 275009.00 | 5073525.00 |    | 73.76 | 0.00 |
| 1,098 | 275209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,099 | 275409.00 | 5073525.00 |    | 73.21 | 0.00 |
| 1,100 | 275609.00 | 5073525.00 |    | 72.34 | 0.00 |
| 1,101 | 275809.00 | 5073525.00 |    | 72.93 | 0.00 |
| 1,102 | 276009.00 | 5073525.00 |    | 73.60 | 0.00 |
| 1,103 | 276209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,104 | 276409.00 | 5073525.00 |    | 74.70 | 0.00 |
| 1,105 | 276609.00 | 5073525.00 |    | 74.64 | 0.00 |
| 1,106 | 276809.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,107 | 277009.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,108 | 277209.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,109 | 272038.44 | 5070145.56 | R1 | 75.29 |      |
| 1,110 | 271516.63 | 5070936.35 | R2 | 83.25 |      |
| 1,111 | 272600.69 | 5071904.86 | R3 | 79.03 |      |
| 1,112 | 273650.41 | 5072169.67 | R4 | 78.22 |      |

# Receptor Pathway

ISC-PRIME

## Discrete Polar Receptors

Option not in use

## Plant Boundary Receptors

### Cartesian Plant Boundary

#### Primary

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 271840.32                     | 5070490.76                    | FENCEPRI                 | 0.00                             |                                    |
| 2             | 271757.78                     | 5070573.62                    | FENCEPRI                 | 0.00                             |                                    |
| 3             | 271897.82                     | 5070704.56                    | FENCEPRI                 | 0.00                             |                                    |
| 4             | 272853.22                     | 5071592.46                    | FENCEPRI                 | 0.00                             |                                    |
| 5             | 272964.22                     | 5071633.96                    | FENCEPRI                 | 0.00                             |                                    |
| 6             | 272922.52                     | 5071678.06                    | FENCEPRI                 | 0.00                             |                                    |
| 7             | 272999.02                     | 5071729.16                    | FENCEPRI                 | 0.00                             |                                    |
| 8             | 273109.92                     | 5071864.36                    | FENCEPRI                 | 0.00                             |                                    |
| 9             | 273241.52                     | 5072111.36                    | FENCEPRI                 | 0.00                             |                                    |
| 10            | 273398.72                     | 5072248.06                    | FENCEPRI                 | 0.00                             |                                    |
| 11            | 273533.12                     | 5072148.96                    | FENCEPRI                 | 0.00                             |                                    |
| 12            | 273319.72                     | 5072028.56                    | FENCEPRI                 | 0.00                             |                                    |
| 13            | 274163.12                     | 5071136.76                    | FENCEPRI                 | 0.00                             |                                    |
| 14            | 272645.32                     | 5069708.46                    | FENCEPRI                 | 0.00                             |                                    |

#### Intermediate

Option not in use

## Polar Plant Boundary

Option not in use

## Receptor Groups

| Record Number | Group ID | Group Description                          |
|---------------|----------|--|
| 1             | FENCEPRI | Cartesian plant boundary Primary Receptors |
| 2             | R1       |  |
| 3             | R2       |  |
| 4             | R3       |  |
| 5             | R4       |  |

# Receptor Pathway

ISC-PRIME

## Terrain Elevations and Flagpole Heights for Network Grids

### Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

# Meteorology Pathway

ISC-PRIME

## Met Input Data

|  |  |
|--|--|
| <b>Meteorological Input Data File and Format</b><br>Filename: C:\Marc\projets\ste-sophie\meteo_mirabel\mira1996.txt<br>Format Type: Default ASCII Format |  |
| <b>Anemometer Height</b><br>Height = 10,00 [m]   | <b>Optional Wind Direction</b><br>Rotation [deg]:  |
| <b>Surface Meteorological Station</b><br>Station No.: 25000      Location [m] (Optional):<br>Year: 1996      X Coord.:<br>Y Coord.:<br>Station Name:     | <b>Upper Air Meteorological Station</b><br>Station No.: 23118      Location [m] (Optional):<br>Year: 1996      X Coord.:<br>Y Coord.:<br>Station Name: |

## Data Period

|   |
|---|
| <b>Read All Met. File?</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---|

# Meteorology Pathway

ISC-PRIME

## Days or Range of Days to Process

| <u>Start Date</u> | <u>End Date</u> | <u>Start Date</u> | <u>End Date</u> |
|-------------------|-----------------|-------------------|-----------------|
| janvier 1         | avril 25        | août 14           | décembre 31     |
| avril 27          | août 12         |                   |                 |





















## Wind Speed Categories

| Stability Category | Wind Speed [m/s] | Stability Category | Wind Speed [m/s] |
|--------------------|------------------|--------------------|------------------|
| A                  | 1.54             | D                  | 8.23             |
| B                  | 3.09             | E                  | 10.8             |
| C                  | 5.14             | F                  | No Upper Bound   |

# Output Pathway

ISC-PRIME

## Tabular Printed Outputs

| Short Term Averaging Period | RECTABLE<br>Highest Values Table  |   |   |   |   |   |   |   |   |   | MAXTABLE<br>Maximum Values Table | DAYTABLE<br>Daily Values Table |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|----------------------------------|--------------------------------|
|                             | 1st   | 2nd   | 3rd   | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  |                                  |                                |
| ALL                         |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |
| 1                           |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |



# Output Pathway

ISC-PRIME

## Contour Plot Files (PLOTFILE)

Path for PLOTFILES: SRT\_1996.PR

| Averaging Period | Source Group ID | High Value | File Name    |
|------------------|-----------------|------------|--------------|
| 1                | ALL             | 1st        | 01H1GALL.PLT |
| Period           | ALL             | N/A        | PE00GALL.PLT |



# Control Pathway

ISC-PRIME

## Dispersion Options

|  |  |
|--|--|
| <b>Titles</b><br>DISPERSION ATMOSPHÉRIQUE DES SRT (STE-SOPHIE - ANNÉE MÉTÉO 1997)  |  |
| <b>Dispersion Options</b><br><input checked="" type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options | <b>Dispersion Coefficient</b><br>Rural   |
|  | <b>Output Type</b><br><input checked="" type="checkbox"/> Concentration<br><input type="checkbox"/> Total Deposition (Dry & Wet)<br><input type="checkbox"/> Dry Deposition<br><input type="checkbox"/> Wet Deposition |
|  | <b>Plume Depletion</b><br><input type="checkbox"/> Dry Removal<br><input type="checkbox"/> Wet Removal   |
|  |  |

## Pollutant / Averaging Time / Terrain Options

|  |   |
|--|---|
| <b>Pollutant Type</b><br>OTHER - SRT   | <b>Exponential Decay</b><br>Option not available  |
| <b>Averaging Time Options</b><br>Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24<br><input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual | <b>Terrain Height Options</b><br><input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated      SO: Meters<br>RE: Meters<br>TG: Meters |
| <b>Flagpole Receptors</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Default Height = 1,50 m  | <b>Terrain Calculation Algorithms</b><br>Simple + Complex Terrain   |

# Source Pathway - Source Inputs

ISC-PRIME

## Point Sources

| Source Type | Source ID | X Coordinate [m]                               | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|-------------|-----------|--|------------------|---------------------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| POINT       | T2600     | 273499.00<br>torchère 2600 scfm                | 5070560.00       | 74,60                     | 12,19              | 0,00200             | 1 144,00           | 8,65                    | 3,05                      |
|             | TOR_NO1   | 272780.00<br>torchère 3300 scfm proposée (No1) | 5071400.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | TOR_NO2   | 272787.00<br>torchère 3300 scfm proposée (No2) | 5071389.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | T5500     | 272783.00<br>Torchère T5500 scfm existante     | 5071396.00       | 74,30                     | 18,29              | 0,00450             | 1 144,00           | 11,85                   | 3,96                      |

## Volume Sources

No Volume Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Area Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/(s-m <sup>2</sup> )] | Length of X Side [m] | Length of Y Side [m] | Orientation Angle from North [deg] | Initial Vertical Dim. [m] |
|-------------|-----------|------------------|------------------|---------------------------|--------------------|---------------------------------------|----------------------|----------------------|------------------------------------|---------------------------|
| AREA        | ZONE3A_1  | 273877.00        | 5070912.00       | 75.60                     | 0,00               | 1.33E-008                             | 341,00               | 952,00               | -41,79                             |                           |
|             | ZONE3A_2  | 273356.70        | 5071237.83       | 76,00                     | 0,00               | 1.33E-008                             | 159,00               | 267,00               | -43,00                             |                           |
|             | ZONE2A    | 273501.00        | 5070555.00       | 74,50                     | 0,00               | 9.60E-009                             | 490,00               | 598,00               | -43,00                             |                           |
|             | ZONE1A    | 273105.40        | 5071003.30       | 74,50                     | 0,00               | 9.57E-009                             | 309,00               | 471,00               | -43,00                             |                           |
|             | ZONE4     | 272796.70        | 5070601.06       | 74,50                     | 0,00               | 1.33E-008                             | 479,00               | 648,00               | -44,00                             |                           |
|             | ZONE5_A   | 273126.08        | 5070249.41       | 75,50                     | 0,00               | 5.06E-008                             | 479,00               | 486,57               | -44,00                             |                           |
|             | ZONE5_B   | 272645.00        | 5069788.00       | 75,50                     | 0,00               | 5.06E-008                             | 666,46               | 485,58               | -44,00                             |                           |
|             | ZONE5_C   | 272297.27        | 5070128.98       | 76,00                     | 0,00               | 5.06E-008                             | 768,00               | 648,99               | -43,60                             |                           |

## Open Pit Sources

No Open Pit Sources Specified

## Circular Area Sources

No Circular Area Sources Specified

## Polygon Area Sources

No Polygon Area Sources Specified

## Flare Sources

No Flare Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Line Sources

No Line Sources Specified

# Source Pathway

ISC-PRIME

## Building Downwash Information

Option not in use

## Emission Rate Units for Output

### For Concentration

|                           |                 |
|---------------------------|-----------------|
| Unit Factor:              | 1E6             |
| Emission Unit Label:      | GRAMS/SEC       |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Data for Particulates

Option not in use

## Variable Emission Rate

### Seasonally Emission Rate Variation

Option not in use

### Monthly Emission Rate Variation

Option not in use

### Hourly Emission Rate Variation

Option not in use

### Wind Speed / Stability Category Emission Rate Variation

Option not in use

### Season / Hour-of-Day Emission Rate Variation

Option not in use

# Receptor Pathway

ISC-PRIME

## Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)  
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

### Uniform Cartesian Grid

Option not in use

### Non-Uniform Cartesian Grid

Option not in use

### Uniform Polar Grid

Option not in use

### Non-Uniform Polar Grid

Option not in use

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 269009.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 2             | 269209.00                     | 5068125.00                    |                          | 73.17                            | 0.00                               |
| 3             | 269409.00                     | 5068125.00                    |                          | 73.40                            | 0.00                               |
| 4             | 269609.00                     | 5068125.00                    |                          | 73.64                            | 0.00                               |
| 5             | 269809.00                     | 5068125.00                    |                          | 73.87                            | 0.00                               |
| 6             | 270009.00                     | 5068125.00                    |                          | 73.47                            | 0.00                               |
| 7             | 270209.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 8             | 270409.00                     | 5068125.00                    |                          | 72.02                            | 0.00                               |
| 9             | 270609.00                     | 5068125.00                    |                          | 71.33                            | 0.00                               |
| 10            | 270809.00                     | 5068125.00                    |                          | 70.52                            | 0.00                               |
| 11            | 271009.00                     | 5068125.00                    |                          | 70.29                            | 0.00                               |
| 12            | 271209.00                     | 5068125.00                    |                          | 70.36                            | 0.00                               |
| 13            | 271409.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 14            | 271609.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 15            | 271809.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 16            | 272009.00                     | 5068125.00                    |                          | 70.02                            | 0.00                               |
| 17            | 272209.00                     | 5068125.00                    |                          | 70.64                            | 0.00                               |
| 18            | 272409.00                     | 5068125.00                    |                          | 70.70                            | 0.00                               |
| 19            | 272609.00                     | 5068125.00                    |                          | 70.67                            | 0.00                               |
| 20            | 272809.00                     | 5068125.00                    |                          | 70.56                            | 0.00                               |



# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 21 | 273009.00 | 5068125.00 |  | 70.00 | 0.00 |
| 22 | 273209.00 | 5068125.00 |  | 69.91 | 0.00 |
| 23 | 273409.00 | 5068125.00 |  | 68.86 | 0.00 |
| 24 | 273609.00 | 5068125.00 |  | 67.81 | 0.00 |
| 25 | 273809.00 | 5068125.00 |  | 66.76 | 0.00 |
| 26 | 274009.00 | 5068125.00 |  | 65.71 | 0.00 |
| 27 | 274209.00 | 5068125.00 |  | 64.66 | 0.00 |
| 28 | 274409.00 | 5068125.00 |  | 63.62 | 0.00 |
| 29 | 274609.00 | 5068125.00 |  | 62.56 | 0.00 |
| 30 | 274809.00 | 5068125.00 |  | 61.83 | 0.00 |
| 31 | 275009.00 | 5068125.00 |  | 61.37 | 0.00 |
| 32 | 275209.00 | 5068125.00 |  | 61.28 | 0.00 |
| 33 | 275409.00 | 5068125.00 |  | 60.66 | 0.00 |
| 34 | 275609.00 | 5068125.00 |  | 60.10 | 0.00 |
| 35 | 275809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 36 | 276009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 37 | 276209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 38 | 276409.00 | 5068125.00 |  | 60.00 | 0.00 |
| 39 | 276609.00 | 5068125.00 |  | 60.00 | 0.00 |
| 40 | 276809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 41 | 277009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 42 | 277209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 43 | 269009.00 | 5068325.00 |  | 77.80 | 0.00 |
| 44 | 269209.00 | 5068325.00 |  | 76.80 | 0.00 |
| 45 | 269409.00 | 5068325.00 |  | 77.08 | 0.00 |
| 46 | 269609.00 | 5068325.00 |  | 77.31 | 0.00 |
| 47 | 269809.00 | 5068325.00 |  | 76.44 | 0.00 |
| 48 | 270009.00 | 5068325.00 |  | 76.07 | 0.00 |
| 49 | 270209.00 | 5068325.00 |  | 75.48 | 0.00 |
| 50 | 270409.00 | 5068325.00 |  | 74.63 | 0.00 |
| 51 | 270609.00 | 5068325.00 |  | 73.68 | 0.00 |
| 52 | 270809.00 | 5068325.00 |  | 72.73 | 0.00 |
| 53 | 271009.00 | 5068325.00 |  | 72.34 | 0.00 |
| 54 | 271209.00 | 5068325.00 |  | 72.46 | 0.00 |
| 55 | 271409.00 | 5068325.00 |  | 72.30 | 0.00 |
| 56 | 271609.00 | 5068325.00 |  | 71.59 | 0.00 |
| 57 | 271809.00 | 5068325.00 |  | 72.27 | 0.00 |
| 58 | 272009.00 | 5068325.00 |  | 72.77 | 0.00 |
| 59 | 272209.00 | 5068325.00 |  | 72.22 | 0.00 |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 60 | 272409.00 | 5068325.00 |  | 71.58 | 0.00 |
| 61 | 272609.00 | 5068325.00 |  | 71.50 | 0.00 |
| 62 | 272809.00 | 5068325.00 |  | 71.39 | 0.00 |
| 63 | 273009.00 | 5068325.00 |  | 71.11 | 0.00 |
| 64 | 273209.00 | 5068325.00 |  | 70.00 | 0.00 |
| 65 | 273409.00 | 5068325.00 |  | 70.00 | 0.00 |
| 66 | 273609.00 | 5068325.00 |  | 68.97 | 0.00 |
| 67 | 273809.00 | 5068325.00 |  | 67.92 | 0.00 |
| 68 | 274009.00 | 5068325.00 |  | 66.87 | 0.00 |
| 69 | 274209.00 | 5068325.00 |  | 65.85 | 0.00 |
| 70 | 274409.00 | 5068325.00 |  | 64.79 | 0.00 |
| 71 | 274609.00 | 5068325.00 |  | 63.99 | 0.00 |
| 72 | 274809.00 | 5068325.00 |  | 63.33 | 0.00 |
| 73 | 275009.00 | 5068325.00 |  | 62.66 | 0.00 |
| 74 | 275209.00 | 5068325.00 |  | 62.24 | 0.00 |
| 75 | 275409.00 | 5068325.00 |  | 61.62 | 0.00 |
| 76 | 275609.00 | 5068325.00 |  | 61.02 | 0.00 |
| 77 | 275809.00 | 5068325.00 |  | 60.46 | 0.00 |
| 78 | 276009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 79 | 276209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 80 | 276409.00 | 5068325.00 |  | 60.00 | 0.00 |
| 81 | 276609.00 | 5068325.00 |  | 60.00 | 0.00 |
| 82 | 276809.00 | 5068325.00 |  | 60.00 | 0.00 |
| 83 | 277009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 84 | 277209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 85 | 269009.00 | 5068525.00 |  | 80.00 | 0.00 |
| 86 | 269209.00 | 5068525.00 |  | 80.00 | 0.00 |
| 87 | 269409.00 | 5068525.00 |  | 80.00 | 0.00 |
| 88 | 269609.00 | 5068525.00 |  | 79.41 | 0.00 |
| 89 | 269809.00 | 5068525.00 |  | 78.84 | 0.00 |
| 90 | 270009.00 | 5068525.00 |  | 78.06 | 0.00 |
| 91 | 270209.00 | 5068525.00 |  | 77.50 | 0.00 |
| 92 | 270409.00 | 5068525.00 |  | 76.91 | 0.00 |
| 93 | 270609.00 | 5068525.00 |  | 75.96 | 0.00 |
| 94 | 270809.00 | 5068525.00 |  | 75.01 | 0.00 |
| 95 | 271009.00 | 5068525.00 |  | 74.08 | 0.00 |
| 96 | 271209.00 | 5068525.00 |  | 74.57 | 0.00 |
| 97 | 271409.00 | 5068525.00 |  | 74.69 | 0.00 |
| 98 | 271609.00 | 5068525.00 |  | 74.89 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 99  | 271809.00 | 5068525.00 |  | 75.39 | 0.00 |
| 100 | 272009.00 | 5068525.00 |  | 74.53 | 0.00 |
| 101 | 272209.00 | 5068525.00 |  | 73.57 | 0.00 |
| 102 | 272409.00 | 5068525.00 |  | 72.61 | 0.00 |
| 103 | 272609.00 | 5068525.00 |  | 71.03 | 0.00 |
| 104 | 272809.00 | 5068525.00 |  | 70.71 | 0.00 |
| 105 | 273009.00 | 5068525.00 |  | 71.15 | 0.00 |
| 106 | 273209.00 | 5068525.00 |  | 70.75 | 0.00 |
| 107 | 273409.00 | 5068525.00 |  | 70.03 | 0.00 |
| 108 | 273609.00 | 5068525.00 |  | 70.00 | 0.00 |
| 109 | 273809.00 | 5068525.00 |  | 69.13 | 0.00 |
| 110 | 274009.00 | 5068525.00 |  | 68.05 | 0.00 |
| 111 | 274209.00 | 5068525.00 |  | 67.02 | 0.00 |
| 112 | 274409.00 | 5068525.00 |  | 66.15 | 0.00 |
| 113 | 274609.00 | 5068525.00 |  | 65.48 | 0.00 |
| 114 | 274809.00 | 5068525.00 |  | 64.82 | 0.00 |
| 115 | 275009.00 | 5068525.00 |  | 63.97 | 0.00 |
| 116 | 275209.00 | 5068525.00 |  | 63.23 | 0.00 |
| 117 | 275409.00 | 5068525.00 |  | 62.59 | 0.00 |
| 118 | 275609.00 | 5068525.00 |  | 61.96 | 0.00 |
| 119 | 275809.00 | 5068525.00 |  | 61.38 | 0.00 |
| 120 | 276009.00 | 5068525.00 |  | 60.82 | 0.00 |
| 121 | 276209.00 | 5068525.00 |  | 60.25 | 0.00 |
| 122 | 276409.00 | 5068525.00 |  | 60.00 | 0.00 |
| 123 | 276609.00 | 5068525.00 |  | 60.00 | 0.00 |
| 124 | 276809.00 | 5068525.00 |  | 60.00 | 0.00 |
| 125 | 277009.00 | 5068525.00 |  | 60.64 | 0.00 |
| 126 | 277209.00 | 5068525.00 |  | 60.00 | 0.00 |
| 127 | 269009.00 | 5068725.00 |  | 79.74 | 0.00 |
| 128 | 269209.00 | 5068725.00 |  | 80.00 | 0.00 |
| 129 | 269409.00 | 5068725.00 |  | 80.00 | 0.00 |
| 130 | 269609.00 | 5068725.00 |  | 80.00 | 0.00 |
| 131 | 269809.00 | 5068725.00 |  | 79.97 | 0.00 |
| 132 | 270009.00 | 5068725.00 |  | 79.21 | 0.00 |
| 133 | 270209.00 | 5068725.00 |  | 78.72 | 0.00 |
| 134 | 270409.00 | 5068725.00 |  | 78.29 | 0.00 |
| 135 | 270609.00 | 5068725.00 |  | 77.87 | 0.00 |
| 136 | 270809.00 | 5068725.00 |  | 77.30 | 0.00 |
| 137 | 271009.00 | 5068725.00 |  | 76.35 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 138 | 271209.00 | 5068725.00 |  | 76.08 | 0.00 |
| 139 | 271409.00 | 5068725.00 |  | 76.65 | 0.00 |
| 140 | 271609.00 | 5068725.00 |  | 76.66 | 0.00 |
| 141 | 271809.00 | 5068725.00 |  | 76.18 | 0.00 |
| 142 | 272009.00 | 5068725.00 |  | 75.22 | 0.00 |
| 143 | 272209.00 | 5068725.00 |  | 74.26 | 0.00 |
| 144 | 272409.00 | 5068725.00 |  | 73.25 | 0.00 |
| 145 | 272609.00 | 5068725.00 |  | 71.76 | 0.00 |
| 146 | 272809.00 | 5068725.00 |  | 69.90 | 0.00 |
| 147 | 273009.00 | 5068725.00 |  | 68.05 | 0.00 |
| 148 | 273209.00 | 5068725.00 |  | 67.56 | 0.00 |
| 149 | 273409.00 | 5068725.00 |  | 68.77 | 0.00 |
| 150 | 273609.00 | 5068725.00 |  | 70.10 | 0.00 |
| 151 | 273809.00 | 5068725.00 |  | 70.00 | 0.00 |
| 152 | 274009.00 | 5068725.00 |  | 69.25 | 0.00 |
| 153 | 274209.00 | 5068725.00 |  | 68.31 | 0.00 |
| 154 | 274409.00 | 5068725.00 |  | 67.64 | 0.00 |
| 155 | 274609.00 | 5068725.00 |  | 66.74 | 0.00 |
| 156 | 274809.00 | 5068725.00 |  | 65.86 | 0.00 |
| 157 | 275009.00 | 5068725.00 |  | 65.02 | 0.00 |
| 158 | 275209.00 | 5068725.00 |  | 64.30 | 0.00 |
| 159 | 275409.00 | 5068725.00 |  | 63.61 | 0.00 |
| 160 | 275609.00 | 5068725.00 |  | 62.93 | 0.00 |
| 161 | 275809.00 | 5068725.00 |  | 62.31 | 0.00 |
| 162 | 276009.00 | 5068725.00 |  | 61.74 | 0.00 |
| 163 | 276209.00 | 5068725.00 |  | 61.18 | 0.00 |
| 164 | 276409.00 | 5068725.00 |  | 60.62 | 0.00 |
| 165 | 276609.00 | 5068725.00 |  | 60.05 | 0.00 |
| 166 | 276809.00 | 5068725.00 |  | 60.00 | 0.00 |
| 167 | 277009.00 | 5068725.00 |  | 60.00 | 0.00 |
| 168 | 277209.00 | 5068725.00 |  | 60.00 | 0.00 |
| 169 | 269009.00 | 5068925.00 |  | 79.12 | 0.00 |
| 170 | 269209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 171 | 269409.00 | 5068925.00 |  | 80.00 | 0.00 |
| 172 | 269609.00 | 5068925.00 |  | 80.00 | 0.00 |
| 173 | 269809.00 | 5068925.00 |  | 80.17 | 0.00 |
| 174 | 270009.00 | 5068925.00 |  | 79.99 | 0.00 |
| 175 | 270209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 176 | 270409.00 | 5068925.00 |  | 79.33 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 177 | 270609.00 | 5068925.00 |  | 79.01 | 0.00 |
| 178 | 270809.00 | 5068925.00 |  | 78.66 | 0.00 |
| 179 | 271009.00 | 5068925.00 |  | 78.24 | 0.00 |
| 180 | 271209.00 | 5068925.00 |  | 77.68 | 0.00 |
| 181 | 271409.00 | 5068925.00 |  | 77.56 | 0.00 |
| 182 | 271609.00 | 5068925.00 |  | 77.18 | 0.00 |
| 183 | 271809.00 | 5068925.00 |  | 76.79 | 0.00 |
| 184 | 272009.00 | 5068925.00 |  | 75.91 | 0.00 |
| 185 | 272209.00 | 5068925.00 |  | 74.95 | 0.00 |
| 186 | 272409.00 | 5068925.00 |  | 73.87 | 0.00 |
| 187 | 272609.00 | 5068925.00 |  | 72.49 | 0.00 |
| 188 | 272809.00 | 5068925.00 |  | 70.64 | 0.00 |
| 189 | 273009.00 | 5068925.00 |  | 68.78 | 0.00 |
| 190 | 273209.00 | 5068925.00 |  | 69.29 | 0.00 |
| 191 | 273409.00 | 5068925.00 |  | 70.66 | 0.00 |
| 192 | 273609.00 | 5068925.00 |  | 71.32 | 0.00 |
| 193 | 273809.00 | 5068925.00 |  | 70.94 | 0.00 |
| 194 | 274009.00 | 5068925.00 |  | 70.33 | 0.00 |
| 195 | 274209.00 | 5068925.00 |  | 69.51 | 0.00 |
| 196 | 274409.00 | 5068925.00 |  | 68.64 | 0.00 |
| 197 | 274609.00 | 5068925.00 |  | 67.75 | 0.00 |
| 198 | 274809.00 | 5068925.00 |  | 66.91 | 0.00 |
| 199 | 275009.00 | 5068925.00 |  | 66.06 | 0.00 |
| 200 | 275209.00 | 5068925.00 |  | 65.37 | 0.00 |
| 201 | 275409.00 | 5068925.00 |  | 64.68 | 0.00 |
| 202 | 275609.00 | 5068925.00 |  | 63.99 | 0.00 |
| 203 | 275809.00 | 5068925.00 |  | 63.30 | 0.00 |
| 204 | 276009.00 | 5068925.00 |  | 62.67 | 0.00 |
| 205 | 276209.00 | 5068925.00 |  | 62.06 | 0.00 |
| 206 | 276409.00 | 5068925.00 |  | 61.44 | 0.00 |
| 207 | 276609.00 | 5068925.00 |  | 60.81 | 0.00 |
| 208 | 276809.00 | 5068925.00 |  | 60.71 | 0.00 |
| 209 | 277009.00 | 5068925.00 |  | 60.58 | 0.00 |
| 210 | 277209.00 | 5068925.00 |  | 60.75 | 0.00 |
| 211 | 269009.00 | 5069125.00 |  | 78.59 | 0.00 |
| 212 | 269209.00 | 5069125.00 |  | 79.49 | 0.00 |
| 213 | 269409.00 | 5069125.00 |  | 80.00 | 0.00 |
| 214 | 269609.00 | 5069125.00 |  | 80.40 | 0.00 |
| 215 | 269809.00 | 5069125.00 |  | 80.81 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 216 | 270009.00 | 5069125.00 |  | 80.00 | 0.00 |
| 217 | 270209.00 | 5069125.00 |  | 79.79 | 0.00 |
| 218 | 270409.00 | 5069125.00 |  | 79.47 | 0.00 |
| 219 | 270609.00 | 5069125.00 |  | 79.14 | 0.00 |
| 220 | 270809.00 | 5069125.00 |  | 78.81 | 0.00 |
| 221 | 271009.00 | 5069125.00 |  | 78.48 | 0.00 |
| 222 | 271209.00 | 5069125.00 |  | 76.25 | 0.00 |
| 223 | 271409.00 | 5069125.00 |  | 77.62 | 0.00 |
| 224 | 271609.00 | 5069125.00 |  | 77.69 | 0.00 |
| 225 | 271809.00 | 5069125.00 |  | 77.31 | 0.00 |
| 226 | 272009.00 | 5069125.00 |  | 76.60 | 0.00 |
| 227 | 272209.00 | 5069125.00 |  | 75.62 | 0.00 |
| 228 | 272409.00 | 5069125.00 |  | 74.49 | 0.00 |
| 229 | 272609.00 | 5069125.00 |  | 73.23 | 0.00 |
| 230 | 272809.00 | 5069125.00 |  | 71.37 | 0.00 |
| 231 | 273009.00 | 5069125.00 |  | 70.22 | 0.00 |
| 232 | 273209.00 | 5069125.00 |  | 71.17 | 0.00 |
| 233 | 273409.00 | 5069125.00 |  | 72.54 | 0.00 |
| 234 | 273609.00 | 5069125.00 |  | 72.52 | 0.00 |
| 235 | 273809.00 | 5069125.00 |  | 71.94 | 0.00 |
| 236 | 274009.00 | 5069125.00 |  | 71.16 | 0.00 |
| 237 | 274209.00 | 5069125.00 |  | 70.42 | 0.00 |
| 238 | 274409.00 | 5069125.00 |  | 69.64 | 0.00 |
| 239 | 274609.00 | 5069125.00 |  | 68.77 | 0.00 |
| 240 | 274809.00 | 5069125.00 |  | 67.98 | 0.00 |
| 241 | 275009.00 | 5069125.00 |  | 67.13 | 0.00 |
| 242 | 275209.00 | 5069125.00 |  | 66.44 | 0.00 |
| 243 | 275409.00 | 5069125.00 |  | 65.75 | 0.00 |
| 244 | 275609.00 | 5069125.00 |  | 65.06 | 0.00 |
| 245 | 275809.00 | 5069125.00 |  | 64.31 | 0.00 |
| 246 | 276009.00 | 5069125.00 |  | 63.51 | 0.00 |
| 247 | 276209.00 | 5069125.00 |  | 62.81 | 0.00 |
| 248 | 276409.00 | 5069125.00 |  | 62.18 | 0.00 |
| 249 | 276609.00 | 5069125.00 |  | 61.56 | 0.00 |
| 250 | 276809.00 | 5069125.00 |  | 61.45 | 0.00 |
| 251 | 277009.00 | 5069125.00 |  | 61.54 | 0.00 |
| 252 | 277209.00 | 5069125.00 |  | 61.81 | 0.00 |
| 253 | 269009.00 | 5069325.00 |  | 78.72 | 0.00 |
| 254 | 269209.00 | 5069325.00 |  | 79.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 255 | 269409.00 | 5069325.00 |  | 80.00 | 0.00 |
| 256 | 269609.00 | 5069325.00 |  | 80.20 | 0.00 |
| 257 | 269809.00 | 5069325.00 |  | 80.09 | 0.00 |
| 258 | 270009.00 | 5069325.00 |  | 80.00 | 0.00 |
| 259 | 270209.00 | 5069325.00 |  | 79.93 | 0.00 |
| 260 | 270409.00 | 5069325.00 |  | 79.60 | 0.00 |
| 261 | 270609.00 | 5069325.00 |  | 79.27 | 0.00 |
| 262 | 270809.00 | 5069325.00 |  | 78.94 | 0.00 |
| 263 | 271009.00 | 5069325.00 |  | 78.21 | 0.00 |
| 264 | 271209.00 | 5069325.00 |  | 73.53 | 0.00 |
| 265 | 271409.00 | 5069325.00 |  | 75.29 | 0.00 |
| 266 | 271609.00 | 5069325.00 |  | 77.04 | 0.00 |
| 267 | 271809.00 | 5069325.00 |  | 77.82 | 0.00 |
| 268 | 272009.00 | 5069325.00 |  | 77.28 | 0.00 |
| 269 | 272209.00 | 5069325.00 |  | 76.24 | 0.00 |
| 270 | 272409.00 | 5069325.00 |  | 75.11 | 0.00 |
| 271 | 272609.00 | 5069325.00 |  | 73.96 | 0.00 |
| 272 | 272809.00 | 5069325.00 |  | 72.11 | 0.00 |
| 273 | 273009.00 | 5069325.00 |  | 72.18 | 0.00 |
| 274 | 273209.00 | 5069325.00 |  | 73.09 | 0.00 |
| 275 | 273409.00 | 5069325.00 |  | 74.10 | 0.00 |
| 276 | 273609.00 | 5069325.00 |  | 73.54 | 0.00 |
| 277 | 273809.00 | 5069325.00 |  | 72.79 | 0.00 |
| 278 | 274009.00 | 5069325.00 |  | 72.01 | 0.00 |
| 279 | 274209.00 | 5069325.00 |  | 71.16 | 0.00 |
| 280 | 274409.00 | 5069325.00 |  | 70.31 | 0.00 |
| 281 | 274609.00 | 5069325.00 |  | 69.87 | 0.00 |
| 282 | 274809.00 | 5069325.00 |  | 68.99 | 0.00 |
| 283 | 275009.00 | 5069325.00 |  | 68.20 | 0.00 |
| 284 | 275209.00 | 5069325.00 |  | 67.51 | 0.00 |
| 285 | 275409.00 | 5069325.00 |  | 66.79 | 0.00 |
| 286 | 275609.00 | 5069325.00 |  | 66.01 | 0.00 |
| 287 | 275809.00 | 5069325.00 |  | 65.25 | 0.00 |
| 288 | 276009.00 | 5069325.00 |  | 64.42 | 0.00 |
| 289 | 276209.00 | 5069325.00 |  | 63.59 | 0.00 |
| 290 | 276409.00 | 5069325.00 |  | 62.93 | 0.00 |
| 291 | 276609.00 | 5069325.00 |  | 62.32 | 0.00 |
| 292 | 276809.00 | 5069325.00 |  | 62.23 | 0.00 |
| 293 | 277009.00 | 5069325.00 |  | 62.50 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 294 | 277209.00 | 5069325.00 |  | 62.76 | 0.00 |
| 295 | 269009.00 | 5069525.00 |  | 79.03 | 0.00 |
| 296 | 269209.00 | 5069525.00 |  | 79.90 | 0.00 |
| 297 | 269409.00 | 5069525.00 |  | 79.93 | 0.00 |
| 298 | 269609.00 | 5069525.00 |  | 79.79 | 0.00 |
| 299 | 269809.00 | 5069525.00 |  | 80.00 | 0.00 |
| 300 | 270009.00 | 5069525.00 |  | 80.00 | 0.00 |
| 301 | 270209.00 | 5069525.00 |  | 80.00 | 0.00 |
| 302 | 270409.00 | 5069525.00 |  | 79.72 | 0.00 |
| 303 | 270609.00 | 5069525.00 |  | 79.42 | 0.00 |
| 304 | 270809.00 | 5069525.00 |  | 79.21 | 0.00 |
| 305 | 271009.00 | 5069525.00 |  | 75.03 | 0.00 |
| 306 | 271209.00 | 5069525.00 |  | 71.19 | 0.00 |
| 307 | 271409.00 | 5069525.00 |  | 72.95 | 0.00 |
| 308 | 271609.00 | 5069525.00 |  | 74.70 | 0.00 |
| 309 | 271809.00 | 5069525.00 |  | 76.46 | 0.00 |
| 310 | 272009.00 | 5069525.00 |  | 77.95 | 0.00 |
| 311 | 272209.00 | 5069525.00 |  | 76.86 | 0.00 |
| 312 | 272409.00 | 5069525.00 |  | 75.73 | 0.00 |
| 313 | 272609.00 | 5069525.00 |  | 74.60 | 0.00 |
| 314 | 272809.00 | 5069525.00 |  | 73.22 | 0.00 |
| 315 | 273009.00 | 5069525.00 |  | 74.13 | 0.00 |
| 316 | 273209.00 | 5069525.00 |  | 75.04 | 0.00 |
| 317 | 273409.00 | 5069525.00 |  | 75.16 | 0.00 |
| 318 | 273609.00 | 5069525.00 |  | 74.32 | 0.00 |
| 319 | 273809.00 | 5069525.00 |  | 73.43 | 0.00 |
| 320 | 274009.00 | 5069525.00 |  | 72.55 | 0.00 |
| 321 | 274209.00 | 5069525.00 |  | 71.81 | 0.00 |
| 322 | 274409.00 | 5069525.00 |  | 71.07 | 0.00 |
| 323 | 274609.00 | 5069525.00 |  | 70.33 | 0.00 |
| 324 | 274809.00 | 5069525.00 |  | 70.00 | 0.00 |
| 325 | 275009.00 | 5069525.00 |  | 69.25 | 0.00 |
| 326 | 275209.00 | 5069525.00 |  | 68.50 | 0.00 |
| 327 | 275409.00 | 5069525.00 |  | 67.71 | 0.00 |
| 328 | 275609.00 | 5069525.00 |  | 66.91 | 0.00 |
| 329 | 275809.00 | 5069525.00 |  | 66.15 | 0.00 |
| 330 | 276009.00 | 5069525.00 |  | 65.33 | 0.00 |
| 331 | 276209.00 | 5069525.00 |  | 64.50 | 0.00 |
| 332 | 276409.00 | 5069525.00 |  | 63.68 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 333 | 276609.00 | 5069525.00 |  | 63.09 | 0.00 |
| 334 | 276809.00 | 5069525.00 |  | 63.19 | 0.00 |
| 335 | 277009.00 | 5069525.00 |  | 63.45 | 0.00 |
| 336 | 277209.00 | 5069525.00 |  | 63.33 | 0.00 |
| 337 | 269009.00 | 5069725.00 |  | 79.37 | 0.00 |
| 338 | 269209.00 | 5069725.00 |  | 79.64 | 0.00 |
| 339 | 269409.00 | 5069725.00 |  | 79.33 | 0.00 |
| 340 | 269609.00 | 5069725.00 |  | 79.65 | 0.00 |
| 341 | 269809.00 | 5069725.00 |  | 80.00 | 0.00 |
| 342 | 270009.00 | 5069725.00 |  | 80.00 | 0.00 |
| 343 | 270209.00 | 5069725.00 |  | 80.00 | 0.00 |
| 344 | 270409.00 | 5069725.00 |  | 79.91 | 0.00 |
| 345 | 270609.00 | 5069725.00 |  | 79.70 | 0.00 |
| 346 | 270809.00 | 5069725.00 |  | 76.99 | 0.00 |
| 347 | 271009.00 | 5069725.00 |  | 71.85 | 0.00 |
| 348 | 271209.00 | 5069725.00 |  | 68.85 | 0.00 |
| 349 | 271409.00 | 5069725.00 |  | 70.61 | 0.00 |
| 350 | 271609.00 | 5069725.00 |  | 72.36 | 0.00 |
| 351 | 271809.00 | 5069725.00 |  | 74.24 | 0.00 |
| 352 | 272009.00 | 5069725.00 |  | 76.96 | 0.00 |
| 353 | 272209.00 | 5069725.00 |  | 76.30 | 0.00 |
| 354 | 272409.00 | 5069725.00 |  | 75.89 | 0.00 |
| 355 | 272609.00 | 5069725.00 |  | 75.22 | 0.00 |
| 356 | 272809.00 | 5069725.00 |  | 75.18 | 0.00 |
| 357 | 273009.00 | 5069725.00 |  | 75.73 | 0.00 |
| 358 | 273209.00 | 5069725.00 |  | 75.35 | 0.00 |
| 359 | 273409.00 | 5069725.00 |  | 76.29 | 0.00 |
| 360 | 273609.00 | 5069725.00 |  | 76.02 | 0.00 |
| 361 | 273809.00 | 5069725.00 |  | 75.28 | 0.00 |
| 362 | 274009.00 | 5069725.00 |  | 74.54 | 0.00 |
| 363 | 274209.00 | 5069725.00 |  | 73.80 | 0.00 |
| 364 | 274409.00 | 5069725.00 |  | 73.06 | 0.00 |
| 365 | 274609.00 | 5069725.00 |  | 72.38 | 0.00 |
| 366 | 274809.00 | 5069725.00 |  | 71.48 | 0.00 |
| 367 | 275009.00 | 5069725.00 |  | 70.27 | 0.00 |
| 368 | 275209.00 | 5069725.00 |  | 69.41 | 0.00 |
| 369 | 275409.00 | 5069725.00 |  | 68.59 | 0.00 |
| 370 | 275609.00 | 5069725.00 |  | 67.89 | 0.00 |
| 371 | 275809.00 | 5069725.00 |  | 67.06 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 372 | 276009.00 | 5069725.00 |  | 66.23 | 0.00 |
| 373 | 276209.00 | 5069725.00 |  | 65.41 | 0.00 |
| 374 | 276409.00 | 5069725.00 |  | 64.58 | 0.00 |
| 375 | 276609.00 | 5069725.00 |  | 63.88 | 0.00 |
| 376 | 276809.00 | 5069725.00 |  | 63.79 | 0.00 |
| 377 | 277009.00 | 5069725.00 |  | 63.63 | 0.00 |
| 378 | 277209.00 | 5069725.00 |  | 63.46 | 0.00 |
| 379 | 269009.00 | 5069925.00 |  | 79.34 | 0.00 |
| 380 | 269209.00 | 5069925.00 |  | 79.27 | 0.00 |
| 381 | 269409.00 | 5069925.00 |  | 78.90 | 0.00 |
| 382 | 269609.00 | 5069925.00 |  | 79.74 | 0.00 |
| 383 | 269809.00 | 5069925.00 |  | 80.00 | 0.00 |
| 384 | 270009.00 | 5069925.00 |  | 80.00 | 0.00 |
| 385 | 270209.00 | 5069925.00 |  | 80.00 | 0.00 |
| 386 | 270409.00 | 5069925.00 |  | 80.70 | 0.00 |
| 387 | 270609.00 | 5069925.00 |  | 78.95 | 0.00 |
| 388 | 270809.00 | 5069925.00 |  | 73.81 | 0.00 |
| 389 | 271009.00 | 5069925.00 |  | 68.67 | 0.00 |
| 390 | 271209.00 | 5069925.00 |  | 66.51 | 0.00 |
| 391 | 271409.00 | 5069925.00 |  | 68.27 | 0.00 |
| 392 | 271609.00 | 5069925.00 |  | 70.54 | 0.00 |
| 393 | 271809.00 | 5069925.00 |  | 73.26 | 0.00 |
| 394 | 272009.00 | 5069925.00 |  | 75.98 | 0.00 |
| 395 | 272209.00 | 5069925.00 |  | 75.29 | 0.00 |
| 396 | 272409.00 | 5069925.00 |  | 74.34 | 0.00 |
| 397 | 273009.00 | 5069925.00 |  | 74.94 | 0.00 |
| 398 | 273209.00 | 5069925.00 |  | 74.93 | 0.00 |
| 399 | 273409.00 | 5069925.00 |  | 75.61 | 0.00 |
| 400 | 273609.00 | 5069925.00 |  | 76.64 | 0.00 |
| 401 | 273809.00 | 5069925.00 |  | 77.27 | 0.00 |
| 402 | 274009.00 | 5069925.00 |  | 76.53 | 0.00 |
| 403 | 274209.00 | 5069925.00 |  | 75.79 | 0.00 |
| 404 | 274409.00 | 5069925.00 |  | 75.04 | 0.00 |
| 405 | 274609.00 | 5069925.00 |  | 74.30 | 0.00 |
| 406 | 274809.00 | 5069925.00 |  | 73.08 | 0.00 |
| 407 | 275009.00 | 5069925.00 |  | 71.78 | 0.00 |
| 408 | 275209.00 | 5069925.00 |  | 70.44 | 0.00 |
| 409 | 275409.00 | 5069925.00 |  | 69.56 | 0.00 |
| 410 | 275609.00 | 5069925.00 |  | 68.80 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 411 | 275809.00 | 5069925.00 |  | 67.97 | 0.00 |
| 412 | 276009.00 | 5069925.00 |  | 67.12 | 0.00 |
| 413 | 276209.00 | 5069925.00 |  | 66.30 | 0.00 |
| 414 | 276409.00 | 5069925.00 |  | 65.47 | 0.00 |
| 415 | 276609.00 | 5069925.00 |  | 64.53 | 0.00 |
| 416 | 276809.00 | 5069925.00 |  | 63.93 | 0.00 |
| 417 | 277009.00 | 5069925.00 |  | 63.76 | 0.00 |
| 418 | 277209.00 | 5069925.00 |  | 63.60 | 0.00 |
| 419 | 269009.00 | 5070125.00 |  | 79.05 | 0.00 |
| 420 | 269209.00 | 5070125.00 |  | 79.19 | 0.00 |
| 421 | 269409.00 | 5070125.00 |  | 78.60 | 0.00 |
| 422 | 269609.00 | 5070125.00 |  | 79.50 | 0.00 |
| 423 | 269809.00 | 5070125.00 |  | 80.00 | 0.00 |
| 424 | 270009.00 | 5070125.00 |  | 80.00 | 0.00 |
| 425 | 270209.00 | 5070125.00 |  | 82.08 | 0.00 |
| 426 | 270409.00 | 5070125.00 |  | 85.97 | 0.00 |
| 427 | 270609.00 | 5070125.00 |  | 81.05 | 0.00 |
| 428 | 270809.00 | 5070125.00 |  | 72.57 | 0.00 |
| 429 | 271009.00 | 5070125.00 |  | 65.49 | 0.00 |
| 430 | 271209.00 | 5070125.00 |  | 64.17 | 0.00 |
| 431 | 271409.00 | 5070125.00 |  | 66.84 | 0.00 |
| 432 | 271609.00 | 5070125.00 |  | 69.57 | 0.00 |
| 433 | 271809.00 | 5070125.00 |  | 72.29 | 0.00 |
| 434 | 272009.00 | 5070125.00 |  | 75.01 | 0.00 |
| 435 | 272209.00 | 5070125.00 |  | 74.77 | 0.00 |
| 436 | 273209.00 | 5070125.00 |  | 74.24 | 0.00 |
| 437 | 273409.00 | 5070125.00 |  | 74.94 | 0.00 |
| 438 | 273609.00 | 5070125.00 |  | 75.97 | 0.00 |
| 439 | 273809.00 | 5070125.00 |  | 76.99 | 0.00 |
| 440 | 274009.00 | 5070125.00 |  | 78.02 | 0.00 |
| 441 | 274209.00 | 5070125.00 |  | 77.77 | 0.00 |
| 442 | 274409.00 | 5070125.00 |  | 77.07 | 0.00 |
| 443 | 274609.00 | 5070125.00 |  | 75.85 | 0.00 |
| 444 | 274809.00 | 5070125.00 |  | 74.52 | 0.00 |
| 445 | 275009.00 | 5070125.00 |  | 73.15 | 0.00 |
| 446 | 275209.00 | 5070125.00 |  | 71.74 | 0.00 |
| 447 | 275409.00 | 5070125.00 |  | 70.34 | 0.00 |
| 448 | 275609.00 | 5070125.00 |  | 69.63 | 0.00 |
| 449 | 275809.00 | 5070125.00 |  | 68.85 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 450 | 276009.00 | 5070125.00 |  | 68.04 | 0.00 |
| 451 | 276209.00 | 5070125.00 |  | 67.19 | 0.00 |
| 452 | 276409.00 | 5070125.00 |  | 66.26 | 0.00 |
| 453 | 276609.00 | 5070125.00 |  | 65.31 | 0.00 |
| 454 | 276809.00 | 5070125.00 |  | 64.36 | 0.00 |
| 455 | 277009.00 | 5070125.00 |  | 63.90 | 0.00 |
| 456 | 277209.00 | 5070125.00 |  | 63.73 | 0.00 |
| 457 | 269009.00 | 5070325.00 |  | 79.67 | 0.00 |
| 458 | 269209.00 | 5070325.00 |  | 79.15 | 0.00 |
| 459 | 269409.00 | 5070325.00 |  | 78.43 | 0.00 |
| 460 | 269609.00 | 5070325.00 |  | 78.28 | 0.00 |
| 461 | 269809.00 | 5070325.00 |  | 79.28 | 0.00 |
| 462 | 270009.00 | 5070325.00 |  | 80.00 | 0.00 |
| 463 | 270209.00 | 5070325.00 |  | 88.58 | 0.00 |
| 464 | 270409.00 | 5070325.00 |  | 90.00 | 0.00 |
| 465 | 270609.00 | 5070325.00 |  | 83.60 | 0.00 |
| 466 | 270809.00 | 5070325.00 |  | 75.31 | 0.00 |
| 467 | 271009.00 | 5070325.00 |  | 67.86 | 0.00 |
| 468 | 271209.00 | 5070325.00 |  | 65.72 | 0.00 |
| 469 | 271409.00 | 5070325.00 |  | 66.42 | 0.00 |
| 470 | 271609.00 | 5070325.00 |  | 68.59 | 0.00 |
| 471 | 271809.00 | 5070325.00 |  | 71.31 | 0.00 |
| 472 | 272009.00 | 5070325.00 |  | 74.03 | 0.00 |
| 473 | 273409.00 | 5070325.00 |  | 74.26 | 0.00 |
| 474 | 273609.00 | 5070325.00 |  | 75.29 | 0.00 |
| 475 | 273809.00 | 5070325.00 |  | 76.32 | 0.00 |
| 476 | 274009.00 | 5070325.00 |  | 77.34 | 0.00 |
| 477 | 274209.00 | 5070325.00 |  | 78.45 | 0.00 |
| 478 | 274409.00 | 5070325.00 |  | 78.49 | 0.00 |
| 479 | 274609.00 | 5070325.00 |  | 77.07 | 0.00 |
| 480 | 274809.00 | 5070325.00 |  | 75.66 | 0.00 |
| 481 | 275009.00 | 5070325.00 |  | 74.25 | 0.00 |
| 482 | 275209.00 | 5070325.00 |  | 72.84 | 0.00 |
| 483 | 275409.00 | 5070325.00 |  | 71.45 | 0.00 |
| 484 | 275609.00 | 5070325.00 |  | 70.74 | 0.00 |
| 485 | 275809.00 | 5070325.00 |  | 69.75 | 0.00 |
| 486 | 276009.00 | 5070325.00 |  | 68.91 | 0.00 |
| 487 | 276209.00 | 5070325.00 |  | 68.01 | 0.00 |
| 488 | 276409.00 | 5070325.00 |  | 67.03 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 489 | 276609.00 | 5070325.00 |  | 66.09 | 0.00 |
| 490 | 276809.00 | 5070325.00 |  | 65.14 | 0.00 |
| 491 | 277009.00 | 5070325.00 |  | 64.19 | 0.00 |
| 492 | 277209.00 | 5070325.00 |  | 63.87 | 0.00 |
| 493 | 269009.00 | 5070525.00 |  | 79.71 | 0.00 |
| 494 | 269209.00 | 5070525.00 |  | 79.22 | 0.00 |
| 495 | 269409.00 | 5070525.00 |  | 78.76 | 0.00 |
| 496 | 269609.00 | 5070525.00 |  | 78.37 | 0.00 |
| 497 | 269809.00 | 5070525.00 |  | 78.74 | 0.00 |
| 498 | 270009.00 | 5070525.00 |  | 79.85 | 0.00 |
| 499 | 270209.00 | 5070525.00 |  | 84.19 | 0.00 |
| 500 | 270409.00 | 5070525.00 |  | 90.00 | 0.00 |
| 501 | 270609.00 | 5070525.00 |  | 87.67 | 0.00 |
| 502 | 270809.00 | 5070525.00 |  | 80.65 | 0.00 |
| 503 | 271009.00 | 5070525.00 |  | 76.52 | 0.00 |
| 504 | 271209.00 | 5070525.00 |  | 73.23 | 0.00 |
| 505 | 271409.00 | 5070525.00 |  | 72.50 | 0.00 |
| 506 | 271609.00 | 5070525.00 |  | 72.03 | 0.00 |
| 507 | 271809.00 | 5070525.00 |  | 72.70 | 0.00 |
| 508 | 273609.00 | 5070525.00 |  | 74.99 | 0.00 |
| 509 | 273809.00 | 5070525.00 |  | 76.16 | 0.00 |
| 510 | 274009.00 | 5070525.00 |  | 77.32 | 0.00 |
| 511 | 274209.00 | 5070525.00 |  | 78.49 | 0.00 |
| 512 | 274409.00 | 5070525.00 |  | 78.75 | 0.00 |
| 513 | 274609.00 | 5070525.00 |  | 78.17 | 0.00 |
| 514 | 274809.00 | 5070525.00 |  | 76.76 | 0.00 |
| 515 | 275009.00 | 5070525.00 |  | 75.34 | 0.00 |
| 516 | 275209.00 | 5070525.00 |  | 73.93 | 0.00 |
| 517 | 275409.00 | 5070525.00 |  | 72.73 | 0.00 |
| 518 | 275609.00 | 5070525.00 |  | 71.84 | 0.00 |
| 519 | 275809.00 | 5070525.00 |  | 70.75 | 0.00 |
| 520 | 276009.00 | 5070525.00 |  | 69.74 | 0.00 |
| 521 | 276209.00 | 5070525.00 |  | 68.76 | 0.00 |
| 522 | 276409.00 | 5070525.00 |  | 67.81 | 0.00 |
| 523 | 276609.00 | 5070525.00 |  | 66.86 | 0.00 |
| 524 | 276809.00 | 5070525.00 |  | 65.91 | 0.00 |
| 525 | 277009.00 | 5070525.00 |  | 64.96 | 0.00 |
| 526 | 277209.00 | 5070525.00 |  | 64.04 | 0.00 |
| 527 | 269009.00 | 5070725.00 |  | 80.00 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 528 | 269209.00 | 5070725.00 |  | 79.64 | 0.00 |
| 529 | 269409.00 | 5070725.00 |  | 79.22 | 0.00 |
| 530 | 269609.00 | 5070725.00 |  | 78.96 | 0.00 |
| 531 | 269809.00 | 5070725.00 |  | 79.32 | 0.00 |
| 532 | 270009.00 | 5070725.00 |  | 79.80 | 0.00 |
| 533 | 270209.00 | 5070725.00 |  | 83.58 | 0.00 |
| 534 | 270409.00 | 5070725.00 |  | 90.00 | 0.00 |
| 535 | 270609.00 | 5070725.00 |  | 90.00 | 0.00 |
| 536 | 270809.00 | 5070725.00 |  | 88.46 | 0.00 |
| 537 | 271009.00 | 5070725.00 |  | 85.17 | 0.00 |
| 538 | 271209.00 | 5070725.00 |  | 81.88 | 0.00 |
| 539 | 271409.00 | 5070725.00 |  | 78.60 | 0.00 |
| 540 | 271609.00 | 5070725.00 |  | 79.28 | 0.00 |
| 541 | 271809.00 | 5070725.00 |  | 77.57 | 0.00 |
| 542 | 273809.00 | 5070725.00 |  | 76.19 | 0.00 |
| 543 | 274009.00 | 5070725.00 |  | 77.36 | 0.00 |
| 544 | 274209.00 | 5070725.00 |  | 78.52 | 0.00 |
| 545 | 274409.00 | 5070725.00 |  | 78.74 | 0.00 |
| 546 | 274609.00 | 5070725.00 |  | 78.30 | 0.00 |
| 547 | 274809.00 | 5070725.00 |  | 77.85 | 0.00 |
| 548 | 275009.00 | 5070725.00 |  | 76.44 | 0.00 |
| 549 | 275209.00 | 5070725.00 |  | 75.03 | 0.00 |
| 550 | 275409.00 | 5070725.00 |  | 74.01 | 0.00 |
| 551 | 275609.00 | 5070725.00 |  | 72.91 | 0.00 |
| 552 | 275809.00 | 5070725.00 |  | 71.77 | 0.00 |
| 553 | 276009.00 | 5070725.00 |  | 70.59 | 0.00 |
| 554 | 276209.00 | 5070725.00 |  | 69.53 | 0.00 |
| 555 | 276409.00 | 5070725.00 |  | 68.59 | 0.00 |
| 556 | 276609.00 | 5070725.00 |  | 67.63 | 0.00 |
| 557 | 276809.00 | 5070725.00 |  | 66.74 | 0.00 |
| 558 | 277009.00 | 5070725.00 |  | 65.90 | 0.00 |
| 559 | 277209.00 | 5070725.00 |  | 64.98 | 0.00 |
| 560 | 269009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 561 | 269209.00 | 5070925.00 |  | 80.00 | 0.00 |
| 562 | 269409.00 | 5070925.00 |  | 79.80 | 0.00 |
| 563 | 269609.00 | 5070925.00 |  | 79.55 | 0.00 |
| 564 | 269809.00 | 5070925.00 |  | 79.90 | 0.00 |
| 565 | 270009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 566 | 270209.00 | 5070925.00 |  | 82.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 567 | 270409.00 | 5070925.00 |  | 90.00 | 0.00 |
| 568 | 270609.00 | 5070925.00 |  | 90.00 | 0.00 |
| 569 | 270809.00 | 5070925.00 |  | 89.84 | 0.00 |
| 570 | 271009.00 | 5070925.00 |  | 87.30 | 0.00 |
| 571 | 271209.00 | 5070925.00 |  | 85.08 | 0.00 |
| 572 | 271409.00 | 5070925.00 |  | 81.55 | 0.00 |
| 573 | 271609.00 | 5070925.00 |  | 80.21 | 0.00 |
| 574 | 271809.00 | 5070925.00 |  | 80.00 | 0.00 |
| 575 | 272009.00 | 5070925.00 |  | 79.32 | 0.00 |
| 576 | 274009.00 | 5070925.00 |  | 77.39 | 0.00 |
| 577 | 274209.00 | 5070925.00 |  | 78.56 | 0.00 |
| 578 | 274409.00 | 5070925.00 |  | 78.73 | 0.00 |
| 579 | 274609.00 | 5070925.00 |  | 78.28 | 0.00 |
| 580 | 274809.00 | 5070925.00 |  | 77.84 | 0.00 |
| 581 | 275009.00 | 5070925.00 |  | 77.40 | 0.00 |
| 582 | 275209.00 | 5070925.00 |  | 76.12 | 0.00 |
| 583 | 275409.00 | 5070925.00 |  | 75.07 | 0.00 |
| 584 | 275609.00 | 5070925.00 |  | 73.88 | 0.00 |
| 585 | 275809.00 | 5070925.00 |  | 72.71 | 0.00 |
| 586 | 276009.00 | 5070925.00 |  | 71.50 | 0.00 |
| 587 | 276209.00 | 5070925.00 |  | 70.32 | 0.00 |
| 588 | 276409.00 | 5070925.00 |  | 69.44 | 0.00 |
| 589 | 276609.00 | 5070925.00 |  | 68.55 | 0.00 |
| 590 | 276809.00 | 5070925.00 |  | 67.73 | 0.00 |
| 591 | 277009.00 | 5070925.00 |  | 66.89 | 0.00 |
| 592 | 277209.00 | 5070925.00 |  | 65.93 | 0.00 |
| 593 | 269009.00 | 5071125.00 |  | 83.50 | 0.00 |
| 594 | 269209.00 | 5071125.00 |  | 80.34 | 0.00 |
| 595 | 269409.00 | 5071125.00 |  | 80.12 | 0.00 |
| 596 | 269609.00 | 5071125.00 |  | 80.00 | 0.00 |
| 597 | 269809.00 | 5071125.00 |  | 80.00 | 0.00 |
| 598 | 270009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 599 | 270209.00 | 5071125.00 |  | 81.91 | 0.00 |
| 600 | 270409.00 | 5071125.00 |  | 87.07 | 0.00 |
| 601 | 270609.00 | 5071125.00 |  | 90.00 | 0.00 |
| 602 | 270809.00 | 5071125.00 |  | 90.00 | 0.00 |
| 603 | 271009.00 | 5071125.00 |  | 89.04 | 0.00 |
| 604 | 271209.00 | 5071125.00 |  | 84.54 | 0.00 |
| 605 | 271409.00 | 5071125.00 |  | 84.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 606 | 271609.00 | 5071125.00 |  | 82.85 | 0.00 |
| 607 | 271809.00 | 5071125.00 |  | 80.03 | 0.00 |
| 608 | 272009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 609 | 272209.00 | 5071125.00 |  | 78.52 | 0.00 |
| 610 | 274209.00 | 5071125.00 |  | 78.59 | 0.00 |
| 611 | 274409.00 | 5071125.00 |  | 78.71 | 0.00 |
| 612 | 274609.00 | 5071125.00 |  | 78.27 | 0.00 |
| 613 | 274809.00 | 5071125.00 |  | 77.83 | 0.00 |
| 614 | 275009.00 | 5071125.00 |  | 77.38 | 0.00 |
| 615 | 275209.00 | 5071125.00 |  | 76.95 | 0.00 |
| 616 | 275409.00 | 5071125.00 |  | 75.91 | 0.00 |
| 617 | 275609.00 | 5071125.00 |  | 74.69 | 0.00 |
| 618 | 275809.00 | 5071125.00 |  | 73.47 | 0.00 |
| 619 | 276009.00 | 5071125.00 |  | 72.26 | 0.00 |
| 620 | 276209.00 | 5071125.00 |  | 71.18 | 0.00 |
| 621 | 276409.00 | 5071125.00 |  | 70.34 | 0.00 |
| 622 | 276609.00 | 5071125.00 |  | 69.55 | 0.00 |
| 623 | 276809.00 | 5071125.00 |  | 68.77 | 0.00 |
| 624 | 277009.00 | 5071125.00 |  | 67.86 | 0.00 |
| 625 | 277209.00 | 5071125.00 |  | 66.88 | 0.00 |
| 626 | 269009.00 | 5071325.00 |  | 86.87 | 0.00 |
| 627 | 269209.00 | 5071325.00 |  | 80.49 | 0.00 |
| 628 | 269409.00 | 5071325.00 |  | 80.40 | 0.00 |
| 629 | 269609.00 | 5071325.00 |  | 80.20 | 0.00 |
| 630 | 269809.00 | 5071325.00 |  | 80.00 | 0.00 |
| 631 | 270009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 632 | 270209.00 | 5071325.00 |  | 80.00 | 0.00 |
| 633 | 270409.00 | 5071325.00 |  | 82.30 | 0.00 |
| 634 | 270609.00 | 5071325.00 |  | 88.51 | 0.00 |
| 635 | 270809.00 | 5071325.00 |  | 92.82 | 0.00 |
| 636 | 271009.00 | 5071325.00 |  | 91.53 | 0.00 |
| 637 | 271209.00 | 5071325.00 |  | 90.00 | 0.00 |
| 638 | 271409.00 | 5071325.00 |  | 87.26 | 0.00 |
| 639 | 271609.00 | 5071325.00 |  | 84.37 | 0.00 |
| 640 | 271809.00 | 5071325.00 |  | 81.39 | 0.00 |
| 641 | 272009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 642 | 272209.00 | 5071325.00 |  | 78.86 | 0.00 |
| 643 | 272409.00 | 5071325.00 |  | 77.15 | 0.00 |
| 644 | 274209.00 | 5071325.00 |  | 78.63 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 645 | 274409.00 | 5071325.00 |  | 78.70 | 0.00 |
| 646 | 274609.00 | 5071325.00 |  | 78.24 | 0.00 |
| 647 | 274809.00 | 5071325.00 |  | 77.77 | 0.00 |
| 648 | 275009.00 | 5071325.00 |  | 77.30 | 0.00 |
| 649 | 275209.00 | 5071325.00 |  | 76.90 | 0.00 |
| 650 | 275409.00 | 5071325.00 |  | 76.65 | 0.00 |
| 651 | 275609.00 | 5071325.00 |  | 75.45 | 0.00 |
| 652 | 275809.00 | 5071325.00 |  | 74.23 | 0.00 |
| 653 | 276009.00 | 5071325.00 |  | 73.02 | 0.00 |
| 654 | 276209.00 | 5071325.00 |  | 72.12 | 0.00 |
| 655 | 276409.00 | 5071325.00 |  | 71.32 | 0.00 |
| 656 | 276609.00 | 5071325.00 |  | 70.54 | 0.00 |
| 657 | 276809.00 | 5071325.00 |  | 69.73 | 0.00 |
| 658 | 277009.00 | 5071325.00 |  | 68.81 | 0.00 |
| 659 | 277209.00 | 5071325.00 |  | 67.82 | 0.00 |
| 660 | 269009.00 | 5071525.00 |  | 86.19 | 0.00 |
| 661 | 269209.00 | 5071525.00 |  | 80.84 | 0.00 |
| 662 | 269409.00 | 5071525.00 |  | 80.57 | 0.00 |
| 663 | 269609.00 | 5071525.00 |  | 80.25 | 0.00 |
| 664 | 269809.00 | 5071525.00 |  | 80.00 | 0.00 |
| 665 | 270009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 666 | 270209.00 | 5071525.00 |  | 80.00 | 0.00 |
| 667 | 270409.00 | 5071525.00 |  | 80.00 | 0.00 |
| 668 | 270609.00 | 5071525.00 |  | 84.96 | 0.00 |
| 669 | 270809.00 | 5071525.00 |  | 88.51 | 0.00 |
| 670 | 271009.00 | 5071525.00 |  | 90.00 | 0.00 |
| 671 | 271209.00 | 5071525.00 |  | 90.00 | 0.00 |
| 672 | 271409.00 | 5071525.00 |  | 87.51 | 0.00 |
| 673 | 271609.00 | 5071525.00 |  | 84.04 | 0.00 |
| 674 | 271809.00 | 5071525.00 |  | 80.88 | 0.00 |
| 675 | 272009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 676 | 272209.00 | 5071525.00 |  | 79.79 | 0.00 |
| 677 | 272409.00 | 5071525.00 |  | 78.06 | 0.00 |
| 678 | 272609.00 | 5071525.00 |  | 76.48 | 0.00 |
| 679 | 274009.00 | 5071525.00 |  | 77.44 | 0.00 |
| 680 | 274209.00 | 5071525.00 |  | 78.38 | 0.00 |
| 681 | 274409.00 | 5071525.00 |  | 78.62 | 0.00 |
| 682 | 274609.00 | 5071525.00 |  | 78.15 | 0.00 |
| 683 | 274809.00 | 5071525.00 |  | 77.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 684 | 275009.00 | 5071525.00 |  | 77.21 | 0.00 |
| 685 | 275209.00 | 5071525.00 |  | 76.86 | 0.00 |
| 686 | 275409.00 | 5071525.00 |  | 76.60 | 0.00 |
| 687 | 275609.00 | 5071525.00 |  | 76.21 | 0.00 |
| 688 | 275809.00 | 5071525.00 |  | 74.99 | 0.00 |
| 689 | 276009.00 | 5071525.00 |  | 73.89 | 0.00 |
| 690 | 276209.00 | 5071525.00 |  | 73.08 | 0.00 |
| 691 | 276409.00 | 5071525.00 |  | 72.29 | 0.00 |
| 692 | 276609.00 | 5071525.00 |  | 71.46 | 0.00 |
| 693 | 276809.00 | 5071525.00 |  | 70.58 | 0.00 |
| 694 | 277009.00 | 5071525.00 |  | 69.66 | 0.00 |
| 695 | 277209.00 | 5071525.00 |  | 68.62 | 0.00 |
| 696 | 269009.00 | 5071725.00 |  | 83.51 | 0.00 |
| 697 | 269209.00 | 5071725.00 |  | 82.08 | 0.00 |
| 698 | 269409.00 | 5071725.00 |  | 80.98 | 0.00 |
| 699 | 269609.00 | 5071725.00 |  | 80.28 | 0.00 |
| 700 | 269809.00 | 5071725.00 |  | 80.00 | 0.00 |
| 701 | 270009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 702 | 270209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 703 | 270409.00 | 5071725.00 |  | 80.00 | 0.00 |
| 704 | 270609.00 | 5071725.00 |  | 80.58 | 0.00 |
| 705 | 270809.00 | 5071725.00 |  | 84.67 | 0.00 |
| 706 | 271009.00 | 5071725.00 |  | 87.86 | 0.00 |
| 707 | 271209.00 | 5071725.00 |  | 89.11 | 0.00 |
| 708 | 271409.00 | 5071725.00 |  | 86.23 | 0.00 |
| 709 | 271609.00 | 5071725.00 |  | 83.30 | 0.00 |
| 710 | 271809.00 | 5071725.00 |  | 80.56 | 0.00 |
| 711 | 272009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 712 | 272209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 713 | 272409.00 | 5071725.00 |  | 78.95 | 0.00 |
| 714 | 272609.00 | 5071725.00 |  | 77.52 | 0.00 |
| 715 | 272809.00 | 5071725.00 |  | 77.45 | 0.00 |
| 716 | 273809.00 | 5071725.00 |  | 76.00 | 0.00 |
| 717 | 274009.00 | 5071725.00 |  | 76.94 | 0.00 |
| 718 | 274209.00 | 5071725.00 |  | 77.82 | 0.00 |
| 719 | 274409.00 | 5071725.00 |  | 78.09 | 0.00 |
| 720 | 274609.00 | 5071725.00 |  | 78.06 | 0.00 |
| 721 | 274809.00 | 5071725.00 |  | 77.59 | 0.00 |
| 722 | 275009.00 | 5071725.00 |  | 77.12 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 723 | 275209.00 | 5071725.00 |  | 76.81 | 0.00 |
| 724 | 275409.00 | 5071725.00 |  | 76.55 | 0.00 |
| 725 | 275609.00 | 5071725.00 |  | 76.30 | 0.00 |
| 726 | 275809.00 | 5071725.00 |  | 75.75 | 0.00 |
| 727 | 276009.00 | 5071725.00 |  | 74.84 | 0.00 |
| 728 | 276209.00 | 5071725.00 |  | 73.97 | 0.00 |
| 729 | 276409.00 | 5071725.00 |  | 73.04 | 0.00 |
| 730 | 276609.00 | 5071725.00 |  | 72.15 | 0.00 |
| 731 | 276809.00 | 5071725.00 |  | 71.27 | 0.00 |
| 732 | 277009.00 | 5071725.00 |  | 70.38 | 0.00 |
| 733 | 277209.00 | 5071725.00 |  | 69.45 | 0.00 |
| 734 | 269009.00 | 5071925.00 |  | 85.79 | 0.00 |
| 735 | 269209.00 | 5071925.00 |  | 84.50 | 0.00 |
| 736 | 269409.00 | 5071925.00 |  | 83.40 | 0.00 |
| 737 | 269609.00 | 5071925.00 |  | 82.29 | 0.00 |
| 738 | 269809.00 | 5071925.00 |  | 80.26 | 0.00 |
| 739 | 270009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 740 | 270209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 741 | 270409.00 | 5071925.00 |  | 80.00 | 0.00 |
| 742 | 270609.00 | 5071925.00 |  | 80.00 | 0.00 |
| 743 | 270809.00 | 5071925.00 |  | 81.90 | 0.00 |
| 744 | 271009.00 | 5071925.00 |  | 84.79 | 0.00 |
| 745 | 271209.00 | 5071925.00 |  | 85.80 | 0.00 |
| 746 | 271409.00 | 5071925.00 |  | 82.94 | 0.00 |
| 747 | 271609.00 | 5071925.00 |  | 82.56 | 0.00 |
| 748 | 271809.00 | 5071925.00 |  | 81.45 | 0.00 |
| 749 | 272009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 750 | 272209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 751 | 272409.00 | 5071925.00 |  | 79.98 | 0.00 |
| 752 | 272609.00 | 5071925.00 |  | 78.61 | 0.00 |
| 753 | 272809.00 | 5071925.00 |  | 78.32 | 0.00 |
| 754 | 273009.00 | 5071925.00 |  | 77.77 | 0.00 |
| 755 | 273609.00 | 5071925.00 |  | 74.55 | 0.00 |
| 756 | 273809.00 | 5071925.00 |  | 75.49 | 0.00 |
| 757 | 274009.00 | 5071925.00 |  | 76.44 | 0.00 |
| 758 | 274209.00 | 5071925.00 |  | 77.25 | 0.00 |
| 759 | 274409.00 | 5071925.00 |  | 77.55 | 0.00 |
| 760 | 274609.00 | 5071925.00 |  | 77.53 | 0.00 |
| 761 | 274809.00 | 5071925.00 |  | 77.51 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 762 | 275009.00 | 5071925.00 |  | 77.04 | 0.00 |
| 763 | 275209.00 | 5071925.00 |  | 76.76 | 0.00 |
| 764 | 275409.00 | 5071925.00 |  | 76.51 | 0.00 |
| 765 | 275609.00 | 5071925.00 |  | 76.26 | 0.00 |
| 766 | 275809.00 | 5071925.00 |  | 76.02 | 0.00 |
| 767 | 276009.00 | 5071925.00 |  | 75.69 | 0.00 |
| 768 | 276209.00 | 5071925.00 |  | 74.80 | 0.00 |
| 769 | 276409.00 | 5071925.00 |  | 73.92 | 0.00 |
| 770 | 276609.00 | 5071925.00 |  | 73.04 | 0.00 |
| 771 | 276809.00 | 5071925.00 |  | 72.16 | 0.00 |
| 772 | 277009.00 | 5071925.00 |  | 71.21 | 0.00 |
| 773 | 277209.00 | 5071925.00 |  | 70.00 | 0.00 |
| 774 | 269009.00 | 5072125.00 |  | 88.26 | 0.00 |
| 775 | 269209.00 | 5072125.00 |  | 86.91 | 0.00 |
| 776 | 269409.00 | 5072125.00 |  | 85.81 | 0.00 |
| 777 | 269609.00 | 5072125.00 |  | 83.75 | 0.00 |
| 778 | 269809.00 | 5072125.00 |  | 81.10 | 0.00 |
| 779 | 270009.00 | 5072125.00 |  | 81.04 | 0.00 |
| 780 | 270209.00 | 5072125.00 |  | 80.79 | 0.00 |
| 781 | 270409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 782 | 270609.00 | 5072125.00 |  | 80.00 | 0.00 |
| 783 | 270809.00 | 5072125.00 |  | 80.00 | 0.00 |
| 784 | 271009.00 | 5072125.00 |  | 81.35 | 0.00 |
| 785 | 271209.00 | 5072125.00 |  | 82.49 | 0.00 |
| 786 | 271409.00 | 5072125.00 |  | 81.36 | 0.00 |
| 787 | 271609.00 | 5072125.00 |  | 81.13 | 0.00 |
| 788 | 271809.00 | 5072125.00 |  | 80.91 | 0.00 |
| 789 | 272009.00 | 5072125.00 |  | 80.00 | 0.00 |
| 790 | 272209.00 | 5072125.00 |  | 80.00 | 0.00 |
| 791 | 272409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 792 | 272609.00 | 5072125.00 |  | 79.74 | 0.00 |
| 793 | 272809.00 | 5072125.00 |  | 79.19 | 0.00 |
| 794 | 273009.00 | 5072125.00 |  | 78.64 | 0.00 |
| 795 | 273209.00 | 5072125.00 |  | 77.54 | 0.00 |
| 796 | 273609.00 | 5072125.00 |  | 74.05 | 0.00 |
| 797 | 273809.00 | 5072125.00 |  | 74.99 | 0.00 |
| 798 | 274009.00 | 5072125.00 |  | 75.90 | 0.00 |
| 799 | 274209.00 | 5072125.00 |  | 76.69 | 0.00 |
| 800 | 274409.00 | 5072125.00 |  | 77.01 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 801 | 274609.00 | 5072125.00 |  | 76.99 | 0.00 |
| 802 | 274809.00 | 5072125.00 |  | 76.97 | 0.00 |
| 803 | 275009.00 | 5072125.00 |  | 76.98 | 0.00 |
| 804 | 275209.00 | 5072125.00 |  | 76.74 | 0.00 |
| 805 | 275409.00 | 5072125.00 |  | 76.50 | 0.00 |
| 806 | 275609.00 | 5072125.00 |  | 76.25 | 0.00 |
| 807 | 275809.00 | 5072125.00 |  | 76.01 | 0.00 |
| 808 | 276009.00 | 5072125.00 |  | 76.00 | 0.00 |
| 809 | 276209.00 | 5072125.00 |  | 75.70 | 0.00 |
| 810 | 276409.00 | 5072125.00 |  | 74.82 | 0.00 |
| 811 | 276609.00 | 5072125.00 |  | 73.94 | 0.00 |
| 812 | 276809.00 | 5072125.00 |  | 73.06 | 0.00 |
| 813 | 277009.00 | 5072125.00 |  | 72.02 | 0.00 |
| 814 | 277209.00 | 5072125.00 |  | 70.82 | 0.00 |
| 815 | 269009.00 | 5072325.00 |  | 90.00 | 0.00 |
| 816 | 269209.00 | 5072325.00 |  | 89.32 | 0.00 |
| 817 | 269409.00 | 5072325.00 |  | 87.38 | 0.00 |
| 818 | 269609.00 | 5072325.00 |  | 85.43 | 0.00 |
| 819 | 269809.00 | 5072325.00 |  | 83.89 | 0.00 |
| 820 | 270009.00 | 5072325.00 |  | 84.28 | 0.00 |
| 821 | 270209.00 | 5072325.00 |  | 83.43 | 0.00 |
| 822 | 270409.00 | 5072325.00 |  | 82.20 | 0.00 |
| 823 | 270609.00 | 5072325.00 |  | 80.47 | 0.00 |
| 824 | 270809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 825 | 271009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 826 | 271209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 827 | 271409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 828 | 271609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 829 | 271809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 830 | 272009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 831 | 272209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 832 | 272409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 833 | 272609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 834 | 272809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 835 | 273009.00 | 5072325.00 |  | 79.52 | 0.00 |
| 836 | 273209.00 | 5072325.00 |  | 78.64 | 0.00 |
| 837 | 273409.00 | 5072325.00 |  | 76.73 | 0.00 |
| 838 | 273609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 839 | 273809.00 | 5072325.00 |  | 74.49 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 840 | 274009.00 | 5072325.00 |  | 75.33 | 0.00 |
| 841 | 274209.00 | 5072325.00 |  | 76.12 | 0.00 |
| 842 | 274409.00 | 5072325.00 |  | 76.47 | 0.00 |
| 843 | 274609.00 | 5072325.00 |  | 76.45 | 0.00 |
| 844 | 274809.00 | 5072325.00 |  | 76.63 | 0.00 |
| 845 | 275009.00 | 5072325.00 |  | 76.82 | 0.00 |
| 846 | 275209.00 | 5072325.00 |  | 76.73 | 0.00 |
| 847 | 275409.00 | 5072325.00 |  | 76.49 | 0.00 |
| 848 | 275609.00 | 5072325.00 |  | 76.25 | 0.00 |
| 849 | 275809.00 | 5072325.00 |  | 76.01 | 0.00 |
| 850 | 276009.00 | 5072325.00 |  | 76.00 | 0.00 |
| 851 | 276209.00 | 5072325.00 |  | 76.00 | 0.00 |
| 852 | 276409.00 | 5072325.00 |  | 75.71 | 0.00 |
| 853 | 276609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 854 | 276809.00 | 5072325.00 |  | 73.95 | 0.00 |
| 855 | 277009.00 | 5072325.00 |  | 72.83 | 0.00 |
| 856 | 277209.00 | 5072325.00 |  | 71.88 | 0.00 |
| 857 | 269009.00 | 5072525.00 |  | 90.00 | 0.00 |
| 858 | 269209.00 | 5072525.00 |  | 90.00 | 0.00 |
| 859 | 269409.00 | 5072525.00 |  | 89.94 | 0.00 |
| 860 | 269609.00 | 5072525.00 |  | 87.87 | 0.00 |
| 861 | 269809.00 | 5072525.00 |  | 87.09 | 0.00 |
| 862 | 270009.00 | 5072525.00 |  | 87.05 | 0.00 |
| 863 | 270209.00 | 5072525.00 |  | 85.80 | 0.00 |
| 864 | 270409.00 | 5072525.00 |  | 83.80 | 0.00 |
| 865 | 270609.00 | 5072525.00 |  | 82.29 | 0.00 |
| 866 | 270809.00 | 5072525.00 |  | 80.41 | 0.00 |
| 867 | 271009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 868 | 271209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 869 | 271409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 870 | 271609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 871 | 271809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 872 | 272009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 873 | 272209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 874 | 272409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 875 | 272609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 876 | 272809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 877 | 273009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 878 | 273209.00 | 5072525.00 |  | 79.73 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 879 | 273409.00 | 5072525.00 |  | 77.83 | 0.00 |
| 880 | 273609.00 | 5072525.00 |  | 75.98 | 0.00 |
| 881 | 273809.00 | 5072525.00 |  | 74.33 | 0.00 |
| 882 | 274009.00 | 5072525.00 |  | 75.15 | 0.00 |
| 883 | 274209.00 | 5072525.00 |  | 75.97 | 0.00 |
| 884 | 274409.00 | 5072525.00 |  | 76.08 | 0.00 |
| 885 | 274609.00 | 5072525.00 |  | 76.26 | 0.00 |
| 886 | 274809.00 | 5072525.00 |  | 76.45 | 0.00 |
| 887 | 275009.00 | 5072525.00 |  | 76.63 | 0.00 |
| 888 | 275209.00 | 5072525.00 |  | 76.58 | 0.00 |
| 889 | 275409.00 | 5072525.00 |  | 76.49 | 0.00 |
| 890 | 275609.00 | 5072525.00 |  | 76.25 | 0.00 |
| 891 | 275809.00 | 5072525.00 |  | 76.01 | 0.00 |
| 892 | 276009.00 | 5072525.00 |  | 76.00 | 0.00 |
| 893 | 276209.00 | 5072525.00 |  | 76.00 | 0.00 |
| 894 | 276409.00 | 5072525.00 |  | 76.00 | 0.00 |
| 895 | 276609.00 | 5072525.00 |  | 75.73 | 0.00 |
| 896 | 276809.00 | 5072525.00 |  | 74.84 | 0.00 |
| 897 | 277009.00 | 5072525.00 |  | 73.83 | 0.00 |
| 898 | 277209.00 | 5072525.00 |  | 72.99 | 0.00 |
| 899 | 269009.00 | 5072725.00 |  | 90.00 | 0.00 |
| 900 | 269209.00 | 5072725.00 |  | 90.00 | 0.00 |
| 901 | 269409.00 | 5072725.00 |  | 89.61 | 0.00 |
| 902 | 269609.00 | 5072725.00 |  | 90.00 | 0.00 |
| 903 | 269809.00 | 5072725.00 |  | 90.70 | 0.00 |
| 904 | 270009.00 | 5072725.00 |  | 89.40 | 0.00 |
| 905 | 270209.00 | 5072725.00 |  | 87.15 | 0.00 |
| 906 | 270409.00 | 5072725.00 |  | 85.39 | 0.00 |
| 907 | 270609.00 | 5072725.00 |  | 83.60 | 0.00 |
| 908 | 270809.00 | 5072725.00 |  | 81.03 | 0.00 |
| 909 | 271009.00 | 5072725.00 |  | 80.05 | 0.00 |
| 910 | 271209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 911 | 271409.00 | 5072725.00 |  | 80.00 | 0.00 |
| 912 | 271609.00 | 5072725.00 |  | 80.00 | 0.00 |
| 913 | 271809.00 | 5072725.00 |  | 80.00 | 0.00 |
| 914 | 272009.00 | 5072725.00 |  | 80.00 | 0.00 |
| 915 | 272209.00 | 5072725.00 |  | 80.01 | 0.00 |
| 916 | 272409.00 | 5072725.00 |  | 80.09 | 0.00 |
| 917 | 272609.00 | 5072725.00 |  | 80.16 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 918 | 272809.00 | 5072725.00 |  | 80.13 | 0.00 |
| 919 | 273009.00 | 5072725.00 |  | 80.04 | 0.00 |
| 920 | 273209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 921 | 273409.00 | 5072725.00 |  | 79.70 | 0.00 |
| 922 | 273609.00 | 5072725.00 |  | 78.26 | 0.00 |
| 923 | 273809.00 | 5072725.00 |  | 77.38 | 0.00 |
| 924 | 274009.00 | 5072725.00 |  | 77.72 | 0.00 |
| 925 | 274209.00 | 5072725.00 |  | 74.58 | 0.00 |
| 926 | 274409.00 | 5072725.00 |  | 74.87 | 0.00 |
| 927 | 274609.00 | 5072725.00 |  | 76.08 | 0.00 |
| 928 | 274809.00 | 5072725.00 |  | 76.26 | 0.00 |
| 929 | 275009.00 | 5072725.00 |  | 76.45 | 0.00 |
| 930 | 275209.00 | 5072725.00 |  | 76.43 | 0.00 |
| 931 | 275409.00 | 5072725.00 |  | 76.34 | 0.00 |
| 932 | 275609.00 | 5072725.00 |  | 76.24 | 0.00 |
| 933 | 275809.00 | 5072725.00 |  | 76.00 | 0.00 |
| 934 | 276009.00 | 5072725.00 |  | 76.00 | 0.00 |
| 935 | 276209.00 | 5072725.00 |  | 76.00 | 0.00 |
| 936 | 276409.00 | 5072725.00 |  | 76.00 | 0.00 |
| 937 | 276609.00 | 5072725.00 |  | 76.00 | 0.00 |
| 938 | 276809.00 | 5072725.00 |  | 75.73 | 0.00 |
| 939 | 277009.00 | 5072725.00 |  | 74.79 | 0.00 |
| 940 | 277209.00 | 5072725.00 |  | 73.86 | 0.00 |
| 941 | 269009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 942 | 269209.00 | 5072925.00 |  | 90.00 | 0.00 |
| 943 | 269409.00 | 5072925.00 |  | 88.17 | 0.00 |
| 944 | 269609.00 | 5072925.00 |  | 90.00 | 0.00 |
| 945 | 269809.00 | 5072925.00 |  | 97.67 | 0.00 |
| 946 | 270009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 947 | 270209.00 | 5072925.00 |  | 87.69 | 0.00 |
| 948 | 270409.00 | 5072925.00 |  | 85.10 | 0.00 |
| 949 | 270609.00 | 5072925.00 |  | 82.52 | 0.00 |
| 950 | 270809.00 | 5072925.00 |  | 80.00 | 0.00 |
| 951 | 271009.00 | 5072925.00 |  | 80.46 | 0.00 |
| 952 | 271209.00 | 5072925.00 |  | 80.06 | 0.00 |
| 953 | 271409.00 | 5072925.00 |  | 80.00 | 0.00 |
| 954 | 271609.00 | 5072925.00 |  | 80.00 | 0.00 |
| 955 | 271809.00 | 5072925.00 |  | 80.09 | 0.00 |
| 956 | 272009.00 | 5072925.00 |  | 80.19 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |        |      |
|-----|-----------|------------|--|--------|------|
| 957 | 272209.00 | 5072925.00 |  | 80.23  | 0.00 |
| 958 | 272409.00 | 5072925.00 |  | 80.30  | 0.00 |
| 959 | 272609.00 | 5072925.00 |  | 80.37  | 0.00 |
| 960 | 272809.00 | 5072925.00 |  | 80.35  | 0.00 |
| 961 | 273009.00 | 5072925.00 |  | 80.24  | 0.00 |
| 962 | 273209.00 | 5072925.00 |  | 80.10  | 0.00 |
| 963 | 273409.00 | 5072925.00 |  | 80.00  | 0.00 |
| 964 | 273609.00 | 5072925.00 |  | 80.00  | 0.00 |
| 965 | 273809.00 | 5072925.00 |  | 78.25  | 0.00 |
| 966 | 274009.00 | 5072925.00 |  | 75.10  | 0.00 |
| 967 | 274209.00 | 5072925.00 |  | 72.34  | 0.00 |
| 968 | 274409.00 | 5072925.00 |  | 72.94  | 0.00 |
| 969 | 274609.00 | 5072925.00 |  | 74.90  | 0.00 |
| 970 | 274809.00 | 5072925.00 |  | 76.08  | 0.00 |
| 971 | 275009.00 | 5072925.00 |  | 76.27  | 0.00 |
| 972 | 275209.00 | 5072925.00 |  | 76.27  | 0.00 |
| 973 | 275409.00 | 5072925.00 |  | 76.19  | 0.00 |
| 974 | 275609.00 | 5072925.00 |  | 76.10  | 0.00 |
| 975 | 275809.00 | 5072925.00 |  | 76.00  | 0.00 |
| 976 | 276009.00 | 5072925.00 |  | 75.96  | 0.00 |
| 977 | 276209.00 | 5072925.00 |  | 75.87  | 0.00 |
| 978 | 276409.00 | 5072925.00 |  | 75.79  | 0.00 |
| 979 | 276609.00 | 5072925.00 |  | 75.71  | 0.00 |
| 980 | 276809.00 | 5072925.00 |  | 75.65  | 0.00 |
| 981 | 277009.00 | 5072925.00 |  | 75.65  | 0.00 |
| 982 | 277209.00 | 5072925.00 |  | 74.72  | 0.00 |
| 983 | 269009.00 | 5073125.00 |  | 100.00 | 0.00 |
| 984 | 269209.00 | 5073125.00 |  | 97.27  | 0.00 |
| 985 | 269409.00 | 5073125.00 |  | 90.00  | 0.00 |
| 986 | 269609.00 | 5073125.00 |  | 90.00  | 0.00 |
| 987 | 269809.00 | 5073125.00 |  | 92.44  | 0.00 |
| 988 | 270009.00 | 5073125.00 |  | 89.31  | 0.00 |
| 989 | 270209.00 | 5073125.00 |  | 85.93  | 0.00 |
| 990 | 270409.00 | 5073125.00 |  | 84.01  | 0.00 |
| 991 | 270609.00 | 5073125.00 |  | 81.43  | 0.00 |
| 992 | 270809.00 | 5073125.00 |  | 80.27  | 0.00 |
| 993 | 271009.00 | 5073125.00 |  | 80.88  | 0.00 |
| 994 | 271209.00 | 5073125.00 |  | 80.44  | 0.00 |
| 995 | 271409.00 | 5073125.00 |  | 80.00  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 996   | 271609.00 | 5073125.00 |  | 80.17  | 0.00 |
| 997   | 271809.00 | 5073125.00 |  | 80.37  | 0.00 |
| 998   | 272009.00 | 5073125.00 |  | 80.46  | 0.00 |
| 999   | 272209.00 | 5073125.00 |  | 80.48  | 0.00 |
| 1,000 | 272409.00 | 5073125.00 |  | 80.50  | 0.00 |
| 1,001 | 272609.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,002 | 272809.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,003 | 273009.00 | 5073125.00 |  | 80.44  | 0.00 |
| 1,004 | 273209.00 | 5073125.00 |  | 80.27  | 0.00 |
| 1,005 | 273409.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,006 | 273609.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,007 | 273809.00 | 5073125.00 |  | 78.91  | 0.00 |
| 1,008 | 274009.00 | 5073125.00 |  | 72.66  | 0.00 |
| 1,009 | 274209.00 | 5073125.00 |  | 70.68  | 0.00 |
| 1,010 | 274409.00 | 5073125.00 |  | 71.03  | 0.00 |
| 1,011 | 274609.00 | 5073125.00 |  | 72.97  | 0.00 |
| 1,012 | 274809.00 | 5073125.00 |  | 74.92  | 0.00 |
| 1,013 | 275009.00 | 5073125.00 |  | 76.08  | 0.00 |
| 1,014 | 275209.00 | 5073125.00 |  | 76.12  | 0.00 |
| 1,015 | 275409.00 | 5073125.00 |  | 76.03  | 0.00 |
| 1,016 | 275609.00 | 5073125.00 |  | 75.47  | 0.00 |
| 1,017 | 275809.00 | 5073125.00 |  | 75.06  | 0.00 |
| 1,018 | 276009.00 | 5073125.00 |  | 75.60  | 0.00 |
| 1,019 | 276209.00 | 5073125.00 |  | 75.52  | 0.00 |
| 1,020 | 276409.00 | 5073125.00 |  | 75.43  | 0.00 |
| 1,021 | 276609.00 | 5073125.00 |  | 75.35  | 0.00 |
| 1,022 | 276809.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,023 | 277009.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,024 | 277209.00 | 5073125.00 |  | 75.30  | 0.00 |
| 1,025 | 269009.00 | 5073325.00 |  | 100.00 | 0.00 |
| 1,026 | 269209.00 | 5073325.00 |  | 97.47  | 0.00 |
| 1,027 | 269409.00 | 5073325.00 |  | 92.94  | 0.00 |
| 1,028 | 269609.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,029 | 269809.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,030 | 270009.00 | 5073325.00 |  | 88.17  | 0.00 |
| 1,031 | 270209.00 | 5073325.00 |  | 84.04  | 0.00 |
| 1,032 | 270409.00 | 5073325.00 |  | 81.71  | 0.00 |
| 1,033 | 270609.00 | 5073325.00 |  | 80.34  | 0.00 |
| 1,034 | 270809.00 | 5073325.00 |  | 80.43  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 1,035 | 271009.00 | 5073325.00 |  | 80.67  | 0.00 |
| 1,036 | 271209.00 | 5073325.00 |  | 80.26  | 0.00 |
| 1,037 | 271409.00 | 5073325.00 |  | 80.02  | 0.00 |
| 1,038 | 271609.00 | 5073325.00 |  | 80.36  | 0.00 |
| 1,039 | 271809.00 | 5073325.00 |  | 80.64  | 0.00 |
| 1,040 | 272009.00 | 5073325.00 |  | 80.72  | 0.00 |
| 1,041 | 272209.00 | 5073325.00 |  | 80.74  | 0.00 |
| 1,042 | 272409.00 | 5073325.00 |  | 80.76  | 0.00 |
| 1,043 | 272609.00 | 5073325.00 |  | 80.78  | 0.00 |
| 1,044 | 272809.00 | 5073325.00 |  | 80.79  | 0.00 |
| 1,045 | 273009.00 | 5073325.00 |  | 80.56  | 0.00 |
| 1,046 | 273209.00 | 5073325.00 |  | 80.19  | 0.00 |
| 1,047 | 273409.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,048 | 273609.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,049 | 273809.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,050 | 274009.00 | 5073325.00 |  | 77.00  | 0.00 |
| 1,051 | 274209.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,052 | 274409.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,053 | 274609.00 | 5073325.00 |  | 71.15  | 0.00 |
| 1,054 | 274809.00 | 5073325.00 |  | 73.06  | 0.00 |
| 1,055 | 275009.00 | 5073325.00 |  | 74.97  | 0.00 |
| 1,056 | 275209.00 | 5073325.00 |  | 75.63  | 0.00 |
| 1,057 | 275409.00 | 5073325.00 |  | 74.77  | 0.00 |
| 1,058 | 275609.00 | 5073325.00 |  | 73.90  | 0.00 |
| 1,059 | 275809.00 | 5073325.00 |  | 73.99  | 0.00 |
| 1,060 | 276009.00 | 5073325.00 |  | 74.62  | 0.00 |
| 1,061 | 276209.00 | 5073325.00 |  | 75.16  | 0.00 |
| 1,062 | 276409.00 | 5073325.00 |  | 75.08  | 0.00 |
| 1,063 | 276609.00 | 5073325.00 |  | 74.99  | 0.00 |
| 1,064 | 276809.00 | 5073325.00 |  | 74.93  | 0.00 |
| 1,065 | 277009.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,066 | 277209.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,067 | 269009.00 | 5073525.00 |  | 97.76  | 0.00 |
| 1,068 | 269209.00 | 5073525.00 |  | 91.01  | 0.00 |
| 1,069 | 269409.00 | 5073525.00 |  | 90.00  | 0.00 |
| 1,070 | 269609.00 | 5073525.00 |  | 95.02  | 0.00 |
| 1,071 | 269809.00 | 5073525.00 |  | 100.00 | 0.00 |
| 1,072 | 270009.00 | 5073525.00 |  | 87.41  | 0.00 |
| 1,073 | 270209.00 | 5073525.00 |  | 81.58  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |    |       |      |
|-------|-----------|------------|----|-------|------|
| 1,074 | 270409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,075 | 270609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,076 | 270809.00 | 5073525.00 |    | 80.12 | 0.00 |
| 1,077 | 271009.00 | 5073525.00 |    | 80.23 | 0.00 |
| 1,078 | 271209.00 | 5073525.00 |    | 80.02 | 0.00 |
| 1,079 | 271409.00 | 5073525.00 |    | 80.19 | 0.00 |
| 1,080 | 271609.00 | 5073525.00 |    | 80.53 | 0.00 |
| 1,081 | 271809.00 | 5073525.00 |    | 80.87 | 0.00 |
| 1,082 | 272009.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,083 | 272209.00 | 5073525.00 |    | 81.00 | 0.00 |
| 1,084 | 272409.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,085 | 272609.00 | 5073525.00 |    | 80.96 | 0.00 |
| 1,086 | 272809.00 | 5073525.00 |    | 80.85 | 0.00 |
| 1,087 | 273009.00 | 5073525.00 |    | 80.48 | 0.00 |
| 1,088 | 273209.00 | 5073525.00 |    | 80.10 | 0.00 |
| 1,089 | 273409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,090 | 273609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,091 | 273809.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,092 | 274009.00 | 5073525.00 |    | 76.93 | 0.00 |
| 1,093 | 274209.00 | 5073525.00 |    | 72.09 | 0.00 |
| 1,094 | 274409.00 | 5073525.00 |    | 70.00 | 0.00 |
| 1,095 | 274609.00 | 5073525.00 |    | 70.93 | 0.00 |
| 1,096 | 274809.00 | 5073525.00 |    | 72.57 | 0.00 |
| 1,097 | 275009.00 | 5073525.00 |    | 73.76 | 0.00 |
| 1,098 | 275209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,099 | 275409.00 | 5073525.00 |    | 73.21 | 0.00 |
| 1,100 | 275609.00 | 5073525.00 |    | 72.34 | 0.00 |
| 1,101 | 275809.00 | 5073525.00 |    | 72.93 | 0.00 |
| 1,102 | 276009.00 | 5073525.00 |    | 73.60 | 0.00 |
| 1,103 | 276209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,104 | 276409.00 | 5073525.00 |    | 74.70 | 0.00 |
| 1,105 | 276609.00 | 5073525.00 |    | 74.64 | 0.00 |
| 1,106 | 276809.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,107 | 277009.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,108 | 277209.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,109 | 272038.44 | 5070145.56 | R1 | 75.29 |      |
| 1,110 | 271516.63 | 5070936.35 | R2 | 83.25 |      |
| 1,111 | 272600.69 | 5071904.86 | R3 | 79.03 |      |
| 1,112 | 273650.41 | 5072169.67 | R4 | 78.22 |      |

# Receptor Pathway

ISC-PRIME

## Discrete Polar Receptors

Option not in use

## Plant Boundary Receptors

### Cartesian Plant Boundary

#### Primary

| Record Number | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Group Name (Optional) | Terrain Elevations (Optional) | Flagpole Heights [m] (Optional) |
|---------------|----------------------------|----------------------------|-----------------------|-------------------------------|---------------------------------|
| 1             | 271840.32                  | 5070490.76                 | FENCEPRI              | 0.00                          |                                 |
| 2             | 271757.78                  | 5070573.62                 | FENCEPRI              | 0.00                          |                                 |
| 3             | 271897.82                  | 5070704.56                 | FENCEPRI              | 0.00                          |                                 |
| 4             | 272853.22                  | 5071592.46                 | FENCEPRI              | 0.00                          |                                 |
| 5             | 272964.22                  | 5071633.96                 | FENCEPRI              | 0.00                          |                                 |
| 6             | 272922.52                  | 5071678.06                 | FENCEPRI              | 0.00                          |                                 |
| 7             | 272999.02                  | 5071729.16                 | FENCEPRI              | 0.00                          |                                 |
| 8             | 273109.92                  | 5071864.36                 | FENCEPRI              | 0.00                          |                                 |
| 9             | 273241.52                  | 5072111.36                 | FENCEPRI              | 0.00                          |                                 |
| 10            | 273398.72                  | 5072248.06                 | FENCEPRI              | 0.00                          |                                 |
| 11            | 273533.12                  | 5072148.96                 | FENCEPRI              | 0.00                          |                                 |
| 12            | 273319.72                  | 5072028.56                 | FENCEPRI              | 0.00                          |                                 |
| 13            | 274163.12                  | 5071136.76                 | FENCEPRI              | 0.00                          |                                 |
| 14            | 272645.32                  | 5069708.46                 | FENCEPRI              | 0.00                          |                                 |

#### Intermediate

Option not in use

## Polar Plant Boundary

Option not in use

## Receptor Groups

| Record Number | Group ID | Group Description                          |
|---------------|----------|--|
| 1             | FENCEPRI | Cartesian plant boundary Primary Receptors |
| 2             | R1       |  |
| 3             | R2       |  |
| 4             | R3       |  |
| 5             | R4       |  |

# Receptor Pathway

ISC-PRIME

## Terrain Elevations and Flagpole Heights for Network Grids

### Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

# Meteorology Pathway

ISC-PRIME

## Met Input Data

|  |           |   |           |
|--|-----------|---|-----------|
| <b>Meteorological Input Data File and Format</b> |           |   |           |
| Filename:  |           | C:\Marc\projets\ste-sophie\meteo_mirabel\mira1997.txt |           |
| Format Type:                                     |           | Default ASCII Format                                  |           |
| <b>Anemometer Height</b>                         |           | <b>Optional Wind Direction</b>                        |           |
| Height = 10,00 [m]                               |           | Rotation [deg]:                                       |           |
| <b>Surface Meteorological Station</b>            |           | <b>Upper Air Meteorological Station</b>               |           |
| Station No.: 25000                               |           | Station No.: 23118                                    |           |
| Year: 1997                                       |           | Year: 1997  |           |
| Station Name:                                    |           | Station Name:   |           |
| Location [m] (Optional):                         |           | Location [m] (Optional):                              |           |
| X Coord.:  | Y Coord.: | X Coord.:   | Y Coord.: |

## Data Period

|   |                             |
|---|-----------------------------|
| <b>Read All Met. File?</b>              |                             |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |























## Wind Speed Categories

| Stability Category | Wind Speed [m/s] | Stability Category | Wind Speed [m/s] |
|--------------------|------------------|--------------------|------------------|
| A                  | 1.54             | D                  | 8.23             |
| B                  | 3.09             | E                  | 10.8             |
| C                  | 5.14             | F                  | No Upper Bound   |

# Output Pathway

ISC-PRIME

## Tabular Printed Outputs

| Short Term Averaging Period | RECTABLE<br>Highest Values Table  |   |   |   |   |   |   |   |   |   | MAXTABLE<br>Maximum Values Table  | DAYTABLE<br>Daily Values Table |    |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|--------------------------------|----|
|                             | 1st   | 2nd   | 3rd   | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  |   |                                |    |
| ALL                         |  |  |  |  |  |  |  |  |  |  |  | 50                             | No |
| 1                           |  |  |  |  |  |  |  |  |  |  |  | 50                             | No |



# Output Pathway

ISC-PRIME

## Contour Plot Files (PLOTFILE)

Path for PLOTFILES: SRT\_1997.PR

| Averaging Period | Source Group ID | High Value | File Name    |
|------------------|-----------------|------------|--------------|
| 1                | ALL             | 1st        | 01H1GALL.PLT |
| Period           | ALL             | N/A        | PE00GALL.PLT |



# Control Pathway

ISC-PRIME

## Dispersion Options

|  |  |
|--|--|
| <b>Titles</b><br>DISPERSION ATMOSPHÉRIQUE DES SRT (STE-SOPHIE - ANNÉE MÉTÉO 1998)  |  |
| <b>Dispersion Options</b><br><input checked="" type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options | <b>Dispersion Coefficient</b><br>Rural   |
|  | <b>Output Type</b><br><input checked="" type="checkbox"/> Concentration<br><input type="checkbox"/> Total Deposition (Dry & Wet)<br><input type="checkbox"/> Dry Deposition<br><input type="checkbox"/> Wet Deposition |
|  | <b>Plume Depletion</b><br><input type="checkbox"/> Dry Removal<br><input type="checkbox"/> Wet Removal   |
|  |  |

## Pollutant / Averaging Time / Terrain Options

|  |   |
|--|---|
| <b>Pollutant Type</b><br>OTHER - SRT   | <b>Exponential Decay</b><br>Option not available  |
| <b>Averaging Time Options</b><br>Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24<br><input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual | <b>Terrain Height Options</b><br><input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated      SO: Meters<br>RE: Meters<br>TG: Meters |
| <b>Flagpole Receptors</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Default Height = 1,50 m  | <b>Terrain Calculation Algorithms</b><br>Simple + Complex Terrain   |

# Source Pathway - Source Inputs

ISC-PRIME

## Point Sources

| Source Type | Source ID | X Coordinate [m]                               | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|-------------|-----------|--|------------------|---------------------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| POINT       | T2600     | 273499.00<br>torchère 2600 scfm                | 5070560.00       | 74,60                     | 12,19              | 0,00200             | 1 144,00           | 8,65                    | 3,05                      |
|             | TOR_NO1   | 272780.00<br>torchère 3300 scfm proposée (No1) | 5071400.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | TOR_NO2   | 272787.00<br>torchère 3300 scfm proposée (No2) | 5071389.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | T5500     | 272783.00<br>Torchère T5500 scfm existante     | 5071396.00       | 74,30                     | 18,29              | 0,00450             | 1 144,00           | 11,85                   | 3,96                      |

## Volume Sources

No Volume Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Area Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/(s·m <sup>2</sup> )] | Length of X Side [m] | Length of Y Side [m] | Orientation Angle from North [deg] | Initial Vertical Dim. [m] |
|-------------|-----------|------------------|------------------|---------------------------|--------------------|---------------------------------------|----------------------|----------------------|------------------------------------|---------------------------|
| AREA        | ZONE3A_1  | 273877.00        | 5070912.00       | 75,60                     | 0,00               | 1.33E-008                             | 341,00               | 952,00               | -41,79                             |                           |
|             | ZONE3A_2  | 273356.70        | 5071237.83       | 76,00                     | 0,00               | 1.33E-008                             | 159,00               | 267,00               | -43,00                             |                           |
|             | ZONE2A    | 273501.00        | 5070555.00       | 74,50                     | 0,00               | 9.60E-009                             | 490,00               | 598,00               | -43,00                             |                           |
|             | ZONE1A    | 273105.40        | 5071003.30       | 74,50                     | 0,00               | 9.57E-009                             | 309,00               | 471,00               | -43,00                             |                           |
|             | ZONE4     | 272796.70        | 5070601.06       | 74,50                     | 0,00               | 1.33E-008                             | 479,00               | 648,00               | -44,00                             |                           |
|             | ZONE5_A   | 273126.08        | 5070249.41       | 75,50                     | 0,00               | 5.06E-008                             | 479,00               | 486,57               | -44,00                             |                           |
|             | ZONE5_B   | 272645.00        | 5069788.00       | 75,50                     | 0,00               | 5.06E-008                             | 666,46               | 485,58               | -44,00                             |                           |
|             | ZONE5_C   | 272297.27        | 5070128.98       | 76,00                     | 0,00               | 5.06E-008                             | 768,00               | 648,99               | -43,60                             |                           |

## Open Pit Sources

No Open Pit Sources Specified

## Circular Area Sources

No Circular Area Sources Specified

## Polygon Area Sources

No Polygon Area Sources Specified

## Flare Sources

No Flare Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Line Sources

No Line Sources Specified

# Source Pathway

ISC-PRIME

## Building Downwash Information

Option not in use

## Emission Rate Units for Output

### For Concentration

|                           |                 |
|---------------------------|-----------------|
| Unit Factor:              | 1E6             |
| Emission Unit Label:      | GRAMS/SEC       |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Data for Particulates

Option not in use

## Variable Emission Rate

### Seasonally Emission Rate Variation

Option not in use

### Monthly Emission Rate Variation

Option not in use

### Hourly Emission Rate Variation

Option not in use

### Wind Speed / Stability Category Emission Rate Variation

Option not in use

### Season / Hour-of-Day Emission Rate Variation

Option not in use

# Receptor Pathway

ISC-PRIME

## Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)  
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

### Uniform Cartesian Grid

Option not in use

### Non-Uniform Cartesian Grid

Option not in use

### Uniform Polar Grid

Option not in use

### Non-Uniform Polar Grid

Option not in use

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 269009.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 2             | 269209.00                     | 5068125.00                    |                          | 73.17                            | 0.00                               |
| 3             | 269409.00                     | 5068125.00                    |                          | 73.40                            | 0.00                               |
| 4             | 269609.00                     | 5068125.00                    |                          | 73.64                            | 0.00                               |
| 5             | 269809.00                     | 5068125.00                    |                          | 73.87                            | 0.00                               |
| 6             | 270009.00                     | 5068125.00                    |                          | 73.47                            | 0.00                               |
| 7             | 270209.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 8             | 270409.00                     | 5068125.00                    |                          | 72.02                            | 0.00                               |
| 9             | 270609.00                     | 5068125.00                    |                          | 71.33                            | 0.00                               |
| 10            | 270809.00                     | 5068125.00                    |                          | 70.52                            | 0.00                               |
| 11            | 271009.00                     | 5068125.00                    |                          | 70.29                            | 0.00                               |
| 12            | 271209.00                     | 5068125.00                    |                          | 70.36                            | 0.00                               |
| 13            | 271409.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 14            | 271609.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 15            | 271809.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 16            | 272009.00                     | 5068125.00                    |                          | 70.02                            | 0.00                               |
| 17            | 272209.00                     | 5068125.00                    |                          | 70.64                            | 0.00                               |
| 18            | 272409.00                     | 5068125.00                    |                          | 70.70                            | 0.00                               |
| 19            | 272609.00                     | 5068125.00                    |                          | 70.67                            | 0.00                               |
| 20            | 272809.00                     | 5068125.00                    |                          | 70.56                            | 0.00                               |



# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 21 | 273009.00 | 5068125.00 |  | 70.00 | 0.00 |
| 22 | 273209.00 | 5068125.00 |  | 69.91 | 0.00 |
| 23 | 273409.00 | 5068125.00 |  | 68.86 | 0.00 |
| 24 | 273609.00 | 5068125.00 |  | 67.81 | 0.00 |
| 25 | 273809.00 | 5068125.00 |  | 66.76 | 0.00 |
| 26 | 274009.00 | 5068125.00 |  | 65.71 | 0.00 |
| 27 | 274209.00 | 5068125.00 |  | 64.66 | 0.00 |
| 28 | 274409.00 | 5068125.00 |  | 63.62 | 0.00 |
| 29 | 274609.00 | 5068125.00 |  | 62.56 | 0.00 |
| 30 | 274809.00 | 5068125.00 |  | 61.83 | 0.00 |
| 31 | 275009.00 | 5068125.00 |  | 61.37 | 0.00 |
| 32 | 275209.00 | 5068125.00 |  | 61.28 | 0.00 |
| 33 | 275409.00 | 5068125.00 |  | 60.66 | 0.00 |
| 34 | 275609.00 | 5068125.00 |  | 60.10 | 0.00 |
| 35 | 275809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 36 | 276009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 37 | 276209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 38 | 276409.00 | 5068125.00 |  | 60.00 | 0.00 |
| 39 | 276609.00 | 5068125.00 |  | 60.00 | 0.00 |
| 40 | 276809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 41 | 277009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 42 | 277209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 43 | 269009.00 | 5068325.00 |  | 77.80 | 0.00 |
| 44 | 269209.00 | 5068325.00 |  | 76.80 | 0.00 |
| 45 | 269409.00 | 5068325.00 |  | 77.08 | 0.00 |
| 46 | 269609.00 | 5068325.00 |  | 77.31 | 0.00 |
| 47 | 269809.00 | 5068325.00 |  | 76.44 | 0.00 |
| 48 | 270009.00 | 5068325.00 |  | 76.07 | 0.00 |
| 49 | 270209.00 | 5068325.00 |  | 75.48 | 0.00 |
| 50 | 270409.00 | 5068325.00 |  | 74.63 | 0.00 |
| 51 | 270609.00 | 5068325.00 |  | 73.68 | 0.00 |
| 52 | 270809.00 | 5068325.00 |  | 72.73 | 0.00 |
| 53 | 271009.00 | 5068325.00 |  | 72.34 | 0.00 |
| 54 | 271209.00 | 5068325.00 |  | 72.46 | 0.00 |
| 55 | 271409.00 | 5068325.00 |  | 72.30 | 0.00 |
| 56 | 271609.00 | 5068325.00 |  | 71.59 | 0.00 |
| 57 | 271809.00 | 5068325.00 |  | 72.27 | 0.00 |
| 58 | 272009.00 | 5068325.00 |  | 72.77 | 0.00 |
| 59 | 272209.00 | 5068325.00 |  | 72.22 | 0.00 |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 60 | 272409.00 | 5068325.00 |  | 71.58 | 0.00 |
| 61 | 272609.00 | 5068325.00 |  | 71.50 | 0.00 |
| 62 | 272809.00 | 5068325.00 |  | 71.39 | 0.00 |
| 63 | 273009.00 | 5068325.00 |  | 71.11 | 0.00 |
| 64 | 273209.00 | 5068325.00 |  | 70.00 | 0.00 |
| 65 | 273409.00 | 5068325.00 |  | 70.00 | 0.00 |
| 66 | 273609.00 | 5068325.00 |  | 68.97 | 0.00 |
| 67 | 273809.00 | 5068325.00 |  | 67.92 | 0.00 |
| 68 | 274009.00 | 5068325.00 |  | 66.87 | 0.00 |
| 69 | 274209.00 | 5068325.00 |  | 65.85 | 0.00 |
| 70 | 274409.00 | 5068325.00 |  | 64.79 | 0.00 |
| 71 | 274609.00 | 5068325.00 |  | 63.99 | 0.00 |
| 72 | 274809.00 | 5068325.00 |  | 63.33 | 0.00 |
| 73 | 275009.00 | 5068325.00 |  | 62.66 | 0.00 |
| 74 | 275209.00 | 5068325.00 |  | 62.24 | 0.00 |
| 75 | 275409.00 | 5068325.00 |  | 61.62 | 0.00 |
| 76 | 275609.00 | 5068325.00 |  | 61.02 | 0.00 |
| 77 | 275809.00 | 5068325.00 |  | 60.46 | 0.00 |
| 78 | 276009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 79 | 276209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 80 | 276409.00 | 5068325.00 |  | 60.00 | 0.00 |
| 81 | 276609.00 | 5068325.00 |  | 60.00 | 0.00 |
| 82 | 276809.00 | 5068325.00 |  | 60.00 | 0.00 |
| 83 | 277009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 84 | 277209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 85 | 269009.00 | 5068525.00 |  | 80.00 | 0.00 |
| 86 | 269209.00 | 5068525.00 |  | 80.00 | 0.00 |
| 87 | 269409.00 | 5068525.00 |  | 80.00 | 0.00 |
| 88 | 269609.00 | 5068525.00 |  | 79.41 | 0.00 |
| 89 | 269809.00 | 5068525.00 |  | 78.84 | 0.00 |
| 90 | 270009.00 | 5068525.00 |  | 78.06 | 0.00 |
| 91 | 270209.00 | 5068525.00 |  | 77.50 | 0.00 |
| 92 | 270409.00 | 5068525.00 |  | 76.91 | 0.00 |
| 93 | 270609.00 | 5068525.00 |  | 75.96 | 0.00 |
| 94 | 270809.00 | 5068525.00 |  | 75.01 | 0.00 |
| 95 | 271009.00 | 5068525.00 |  | 74.08 | 0.00 |
| 96 | 271209.00 | 5068525.00 |  | 74.57 | 0.00 |
| 97 | 271409.00 | 5068525.00 |  | 74.69 | 0.00 |
| 98 | 271609.00 | 5068525.00 |  | 74.89 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 99  | 271809.00 | 5068525.00 |  | 75.39 | 0.00 |
| 100 | 272009.00 | 5068525.00 |  | 74.53 | 0.00 |
| 101 | 272209.00 | 5068525.00 |  | 73.57 | 0.00 |
| 102 | 272409.00 | 5068525.00 |  | 72.61 | 0.00 |
| 103 | 272609.00 | 5068525.00 |  | 71.03 | 0.00 |
| 104 | 272809.00 | 5068525.00 |  | 70.71 | 0.00 |
| 105 | 273009.00 | 5068525.00 |  | 71.15 | 0.00 |
| 106 | 273209.00 | 5068525.00 |  | 70.75 | 0.00 |
| 107 | 273409.00 | 5068525.00 |  | 70.03 | 0.00 |
| 108 | 273609.00 | 5068525.00 |  | 70.00 | 0.00 |
| 109 | 273809.00 | 5068525.00 |  | 69.13 | 0.00 |
| 110 | 274009.00 | 5068525.00 |  | 68.05 | 0.00 |
| 111 | 274209.00 | 5068525.00 |  | 67.02 | 0.00 |
| 112 | 274409.00 | 5068525.00 |  | 66.15 | 0.00 |
| 113 | 274609.00 | 5068525.00 |  | 65.48 | 0.00 |
| 114 | 274809.00 | 5068525.00 |  | 64.82 | 0.00 |
| 115 | 275009.00 | 5068525.00 |  | 63.97 | 0.00 |
| 116 | 275209.00 | 5068525.00 |  | 63.23 | 0.00 |
| 117 | 275409.00 | 5068525.00 |  | 62.59 | 0.00 |
| 118 | 275609.00 | 5068525.00 |  | 61.96 | 0.00 |
| 119 | 275809.00 | 5068525.00 |  | 61.38 | 0.00 |
| 120 | 276009.00 | 5068525.00 |  | 60.82 | 0.00 |
| 121 | 276209.00 | 5068525.00 |  | 60.25 | 0.00 |
| 122 | 276409.00 | 5068525.00 |  | 60.00 | 0.00 |
| 123 | 276609.00 | 5068525.00 |  | 60.00 | 0.00 |
| 124 | 276809.00 | 5068525.00 |  | 60.00 | 0.00 |
| 125 | 277009.00 | 5068525.00 |  | 60.64 | 0.00 |
| 126 | 277209.00 | 5068525.00 |  | 60.00 | 0.00 |
| 127 | 269009.00 | 5068725.00 |  | 79.74 | 0.00 |
| 128 | 269209.00 | 5068725.00 |  | 80.00 | 0.00 |
| 129 | 269409.00 | 5068725.00 |  | 80.00 | 0.00 |
| 130 | 269609.00 | 5068725.00 |  | 80.00 | 0.00 |
| 131 | 269809.00 | 5068725.00 |  | 79.97 | 0.00 |
| 132 | 270009.00 | 5068725.00 |  | 79.21 | 0.00 |
| 133 | 270209.00 | 5068725.00 |  | 78.72 | 0.00 |
| 134 | 270409.00 | 5068725.00 |  | 78.29 | 0.00 |
| 135 | 270609.00 | 5068725.00 |  | 77.87 | 0.00 |
| 136 | 270809.00 | 5068725.00 |  | 77.30 | 0.00 |
| 137 | 271009.00 | 5068725.00 |  | 76.35 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 138 | 271209.00 | 5068725.00 |  | 76.08 | 0.00 |
| 139 | 271409.00 | 5068725.00 |  | 76.65 | 0.00 |
| 140 | 271609.00 | 5068725.00 |  | 76.66 | 0.00 |
| 141 | 271809.00 | 5068725.00 |  | 76.18 | 0.00 |
| 142 | 272009.00 | 5068725.00 |  | 75.22 | 0.00 |
| 143 | 272209.00 | 5068725.00 |  | 74.26 | 0.00 |
| 144 | 272409.00 | 5068725.00 |  | 73.25 | 0.00 |
| 145 | 272609.00 | 5068725.00 |  | 71.76 | 0.00 |
| 146 | 272809.00 | 5068725.00 |  | 69.90 | 0.00 |
| 147 | 273009.00 | 5068725.00 |  | 68.05 | 0.00 |
| 148 | 273209.00 | 5068725.00 |  | 67.56 | 0.00 |
| 149 | 273409.00 | 5068725.00 |  | 68.77 | 0.00 |
| 150 | 273609.00 | 5068725.00 |  | 70.10 | 0.00 |
| 151 | 273809.00 | 5068725.00 |  | 70.00 | 0.00 |
| 152 | 274009.00 | 5068725.00 |  | 69.25 | 0.00 |
| 153 | 274209.00 | 5068725.00 |  | 68.31 | 0.00 |
| 154 | 274409.00 | 5068725.00 |  | 67.64 | 0.00 |
| 155 | 274609.00 | 5068725.00 |  | 66.74 | 0.00 |
| 156 | 274809.00 | 5068725.00 |  | 65.86 | 0.00 |
| 157 | 275009.00 | 5068725.00 |  | 65.02 | 0.00 |
| 158 | 275209.00 | 5068725.00 |  | 64.30 | 0.00 |
| 159 | 275409.00 | 5068725.00 |  | 63.61 | 0.00 |
| 160 | 275609.00 | 5068725.00 |  | 62.93 | 0.00 |
| 161 | 275809.00 | 5068725.00 |  | 62.31 | 0.00 |
| 162 | 276009.00 | 5068725.00 |  | 61.74 | 0.00 |
| 163 | 276209.00 | 5068725.00 |  | 61.18 | 0.00 |
| 164 | 276409.00 | 5068725.00 |  | 60.62 | 0.00 |
| 165 | 276609.00 | 5068725.00 |  | 60.05 | 0.00 |
| 166 | 276809.00 | 5068725.00 |  | 60.00 | 0.00 |
| 167 | 277009.00 | 5068725.00 |  | 60.00 | 0.00 |
| 168 | 277209.00 | 5068725.00 |  | 60.00 | 0.00 |
| 169 | 269009.00 | 5068925.00 |  | 79.12 | 0.00 |
| 170 | 269209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 171 | 269409.00 | 5068925.00 |  | 80.00 | 0.00 |
| 172 | 269609.00 | 5068925.00 |  | 80.00 | 0.00 |
| 173 | 269809.00 | 5068925.00 |  | 80.17 | 0.00 |
| 174 | 270009.00 | 5068925.00 |  | 79.99 | 0.00 |
| 175 | 270209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 176 | 270409.00 | 5068925.00 |  | 79.33 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 177 | 270609.00 | 5068925.00 |  | 79.01 | 0.00 |
| 178 | 270809.00 | 5068925.00 |  | 78.66 | 0.00 |
| 179 | 271009.00 | 5068925.00 |  | 78.24 | 0.00 |
| 180 | 271209.00 | 5068925.00 |  | 77.68 | 0.00 |
| 181 | 271409.00 | 5068925.00 |  | 77.56 | 0.00 |
| 182 | 271609.00 | 5068925.00 |  | 77.18 | 0.00 |
| 183 | 271809.00 | 5068925.00 |  | 76.79 | 0.00 |
| 184 | 272009.00 | 5068925.00 |  | 75.91 | 0.00 |
| 185 | 272209.00 | 5068925.00 |  | 74.95 | 0.00 |
| 186 | 272409.00 | 5068925.00 |  | 73.87 | 0.00 |
| 187 | 272609.00 | 5068925.00 |  | 72.49 | 0.00 |
| 188 | 272809.00 | 5068925.00 |  | 70.64 | 0.00 |
| 189 | 273009.00 | 5068925.00 |  | 68.78 | 0.00 |
| 190 | 273209.00 | 5068925.00 |  | 69.29 | 0.00 |
| 191 | 273409.00 | 5068925.00 |  | 70.66 | 0.00 |
| 192 | 273609.00 | 5068925.00 |  | 71.32 | 0.00 |
| 193 | 273809.00 | 5068925.00 |  | 70.94 | 0.00 |
| 194 | 274009.00 | 5068925.00 |  | 70.33 | 0.00 |
| 195 | 274209.00 | 5068925.00 |  | 69.51 | 0.00 |
| 196 | 274409.00 | 5068925.00 |  | 68.64 | 0.00 |
| 197 | 274609.00 | 5068925.00 |  | 67.75 | 0.00 |
| 198 | 274809.00 | 5068925.00 |  | 66.91 | 0.00 |
| 199 | 275009.00 | 5068925.00 |  | 66.06 | 0.00 |
| 200 | 275209.00 | 5068925.00 |  | 65.37 | 0.00 |
| 201 | 275409.00 | 5068925.00 |  | 64.68 | 0.00 |
| 202 | 275609.00 | 5068925.00 |  | 63.99 | 0.00 |
| 203 | 275809.00 | 5068925.00 |  | 63.30 | 0.00 |
| 204 | 276009.00 | 5068925.00 |  | 62.67 | 0.00 |
| 205 | 276209.00 | 5068925.00 |  | 62.06 | 0.00 |
| 206 | 276409.00 | 5068925.00 |  | 61.44 | 0.00 |
| 207 | 276609.00 | 5068925.00 |  | 60.81 | 0.00 |
| 208 | 276809.00 | 5068925.00 |  | 60.71 | 0.00 |
| 209 | 277009.00 | 5068925.00 |  | 60.58 | 0.00 |
| 210 | 277209.00 | 5068925.00 |  | 60.75 | 0.00 |
| 211 | 269009.00 | 5069125.00 |  | 78.59 | 0.00 |
| 212 | 269209.00 | 5069125.00 |  | 79.49 | 0.00 |
| 213 | 269409.00 | 5069125.00 |  | 80.00 | 0.00 |
| 214 | 269609.00 | 5069125.00 |  | 80.40 | 0.00 |
| 215 | 269809.00 | 5069125.00 |  | 80.81 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 216 | 270009.00 | 5069125.00 |  | 80.00 | 0.00 |
| 217 | 270209.00 | 5069125.00 |  | 79.79 | 0.00 |
| 218 | 270409.00 | 5069125.00 |  | 79.47 | 0.00 |
| 219 | 270609.00 | 5069125.00 |  | 79.14 | 0.00 |
| 220 | 270809.00 | 5069125.00 |  | 78.81 | 0.00 |
| 221 | 271009.00 | 5069125.00 |  | 78.48 | 0.00 |
| 222 | 271209.00 | 5069125.00 |  | 76.25 | 0.00 |
| 223 | 271409.00 | 5069125.00 |  | 77.62 | 0.00 |
| 224 | 271609.00 | 5069125.00 |  | 77.69 | 0.00 |
| 225 | 271809.00 | 5069125.00 |  | 77.31 | 0.00 |
| 226 | 272009.00 | 5069125.00 |  | 76.60 | 0.00 |
| 227 | 272209.00 | 5069125.00 |  | 75.62 | 0.00 |
| 228 | 272409.00 | 5069125.00 |  | 74.49 | 0.00 |
| 229 | 272609.00 | 5069125.00 |  | 73.23 | 0.00 |
| 230 | 272809.00 | 5069125.00 |  | 71.37 | 0.00 |
| 231 | 273009.00 | 5069125.00 |  | 70.22 | 0.00 |
| 232 | 273209.00 | 5069125.00 |  | 71.17 | 0.00 |
| 233 | 273409.00 | 5069125.00 |  | 72.54 | 0.00 |
| 234 | 273609.00 | 5069125.00 |  | 72.52 | 0.00 |
| 235 | 273809.00 | 5069125.00 |  | 71.94 | 0.00 |
| 236 | 274009.00 | 5069125.00 |  | 71.16 | 0.00 |
| 237 | 274209.00 | 5069125.00 |  | 70.42 | 0.00 |
| 238 | 274409.00 | 5069125.00 |  | 69.64 | 0.00 |
| 239 | 274609.00 | 5069125.00 |  | 68.77 | 0.00 |
| 240 | 274809.00 | 5069125.00 |  | 67.98 | 0.00 |
| 241 | 275009.00 | 5069125.00 |  | 67.13 | 0.00 |
| 242 | 275209.00 | 5069125.00 |  | 66.44 | 0.00 |
| 243 | 275409.00 | 5069125.00 |  | 65.75 | 0.00 |
| 244 | 275609.00 | 5069125.00 |  | 65.06 | 0.00 |
| 245 | 275809.00 | 5069125.00 |  | 64.31 | 0.00 |
| 246 | 276009.00 | 5069125.00 |  | 63.51 | 0.00 |
| 247 | 276209.00 | 5069125.00 |  | 62.81 | 0.00 |
| 248 | 276409.00 | 5069125.00 |  | 62.18 | 0.00 |
| 249 | 276609.00 | 5069125.00 |  | 61.56 | 0.00 |
| 250 | 276809.00 | 5069125.00 |  | 61.45 | 0.00 |
| 251 | 277009.00 | 5069125.00 |  | 61.54 | 0.00 |
| 252 | 277209.00 | 5069125.00 |  | 61.81 | 0.00 |
| 253 | 269009.00 | 5069325.00 |  | 78.72 | 0.00 |
| 254 | 269209.00 | 5069325.00 |  | 79.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 255 | 269409.00 | 5069325.00 |  | 80.00 | 0.00 |
| 256 | 269609.00 | 5069325.00 |  | 80.20 | 0.00 |
| 257 | 269809.00 | 5069325.00 |  | 80.09 | 0.00 |
| 258 | 270009.00 | 5069325.00 |  | 80.00 | 0.00 |
| 259 | 270209.00 | 5069325.00 |  | 79.93 | 0.00 |
| 260 | 270409.00 | 5069325.00 |  | 79.60 | 0.00 |
| 261 | 270609.00 | 5069325.00 |  | 79.27 | 0.00 |
| 262 | 270809.00 | 5069325.00 |  | 78.94 | 0.00 |
| 263 | 271009.00 | 5069325.00 |  | 78.21 | 0.00 |
| 264 | 271209.00 | 5069325.00 |  | 73.53 | 0.00 |
| 265 | 271409.00 | 5069325.00 |  | 75.29 | 0.00 |
| 266 | 271609.00 | 5069325.00 |  | 77.04 | 0.00 |
| 267 | 271809.00 | 5069325.00 |  | 77.82 | 0.00 |
| 268 | 272009.00 | 5069325.00 |  | 77.28 | 0.00 |
| 269 | 272209.00 | 5069325.00 |  | 76.24 | 0.00 |
| 270 | 272409.00 | 5069325.00 |  | 75.11 | 0.00 |
| 271 | 272609.00 | 5069325.00 |  | 73.96 | 0.00 |
| 272 | 272809.00 | 5069325.00 |  | 72.11 | 0.00 |
| 273 | 273009.00 | 5069325.00 |  | 72.18 | 0.00 |
| 274 | 273209.00 | 5069325.00 |  | 73.09 | 0.00 |
| 275 | 273409.00 | 5069325.00 |  | 74.10 | 0.00 |
| 276 | 273609.00 | 5069325.00 |  | 73.54 | 0.00 |
| 277 | 273809.00 | 5069325.00 |  | 72.79 | 0.00 |
| 278 | 274009.00 | 5069325.00 |  | 72.01 | 0.00 |
| 279 | 274209.00 | 5069325.00 |  | 71.16 | 0.00 |
| 280 | 274409.00 | 5069325.00 |  | 70.31 | 0.00 |
| 281 | 274609.00 | 5069325.00 |  | 69.87 | 0.00 |
| 282 | 274809.00 | 5069325.00 |  | 68.99 | 0.00 |
| 283 | 275009.00 | 5069325.00 |  | 68.20 | 0.00 |
| 284 | 275209.00 | 5069325.00 |  | 67.51 | 0.00 |
| 285 | 275409.00 | 5069325.00 |  | 66.79 | 0.00 |
| 286 | 275609.00 | 5069325.00 |  | 66.01 | 0.00 |
| 287 | 275809.00 | 5069325.00 |  | 65.25 | 0.00 |
| 288 | 276009.00 | 5069325.00 |  | 64.42 | 0.00 |
| 289 | 276209.00 | 5069325.00 |  | 63.59 | 0.00 |
| 290 | 276409.00 | 5069325.00 |  | 62.93 | 0.00 |
| 291 | 276609.00 | 5069325.00 |  | 62.32 | 0.00 |
| 292 | 276809.00 | 5069325.00 |  | 62.23 | 0.00 |
| 293 | 277009.00 | 5069325.00 |  | 62.50 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 294 | 277209.00 | 5069325.00 |  | 62.76 | 0.00 |
| 295 | 269009.00 | 5069525.00 |  | 79.03 | 0.00 |
| 296 | 269209.00 | 5069525.00 |  | 79.90 | 0.00 |
| 297 | 269409.00 | 5069525.00 |  | 79.93 | 0.00 |
| 298 | 269609.00 | 5069525.00 |  | 79.79 | 0.00 |
| 299 | 269809.00 | 5069525.00 |  | 80.00 | 0.00 |
| 300 | 270009.00 | 5069525.00 |  | 80.00 | 0.00 |
| 301 | 270209.00 | 5069525.00 |  | 80.00 | 0.00 |
| 302 | 270409.00 | 5069525.00 |  | 79.72 | 0.00 |
| 303 | 270609.00 | 5069525.00 |  | 79.42 | 0.00 |
| 304 | 270809.00 | 5069525.00 |  | 79.21 | 0.00 |
| 305 | 271009.00 | 5069525.00 |  | 75.03 | 0.00 |
| 306 | 271209.00 | 5069525.00 |  | 71.19 | 0.00 |
| 307 | 271409.00 | 5069525.00 |  | 72.95 | 0.00 |
| 308 | 271609.00 | 5069525.00 |  | 74.70 | 0.00 |
| 309 | 271809.00 | 5069525.00 |  | 76.46 | 0.00 |
| 310 | 272009.00 | 5069525.00 |  | 77.95 | 0.00 |
| 311 | 272209.00 | 5069525.00 |  | 76.86 | 0.00 |
| 312 | 272409.00 | 5069525.00 |  | 75.73 | 0.00 |
| 313 | 272609.00 | 5069525.00 |  | 74.60 | 0.00 |
| 314 | 272809.00 | 5069525.00 |  | 73.22 | 0.00 |
| 315 | 273009.00 | 5069525.00 |  | 74.13 | 0.00 |
| 316 | 273209.00 | 5069525.00 |  | 75.04 | 0.00 |
| 317 | 273409.00 | 5069525.00 |  | 75.16 | 0.00 |
| 318 | 273609.00 | 5069525.00 |  | 74.32 | 0.00 |
| 319 | 273809.00 | 5069525.00 |  | 73.43 | 0.00 |
| 320 | 274009.00 | 5069525.00 |  | 72.55 | 0.00 |
| 321 | 274209.00 | 5069525.00 |  | 71.81 | 0.00 |
| 322 | 274409.00 | 5069525.00 |  | 71.07 | 0.00 |
| 323 | 274609.00 | 5069525.00 |  | 70.33 | 0.00 |
| 324 | 274809.00 | 5069525.00 |  | 70.00 | 0.00 |
| 325 | 275009.00 | 5069525.00 |  | 69.25 | 0.00 |
| 326 | 275209.00 | 5069525.00 |  | 68.50 | 0.00 |
| 327 | 275409.00 | 5069525.00 |  | 67.71 | 0.00 |
| 328 | 275609.00 | 5069525.00 |  | 66.91 | 0.00 |
| 329 | 275809.00 | 5069525.00 |  | 66.15 | 0.00 |
| 330 | 276009.00 | 5069525.00 |  | 65.33 | 0.00 |
| 331 | 276209.00 | 5069525.00 |  | 64.50 | 0.00 |
| 332 | 276409.00 | 5069525.00 |  | 63.68 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 333 | 276609.00 | 5069525.00 |  | 63.09 | 0.00 |
| 334 | 276809.00 | 5069525.00 |  | 63.19 | 0.00 |
| 335 | 277009.00 | 5069525.00 |  | 63.45 | 0.00 |
| 336 | 277209.00 | 5069525.00 |  | 63.33 | 0.00 |
| 337 | 269009.00 | 5069725.00 |  | 79.37 | 0.00 |
| 338 | 269209.00 | 5069725.00 |  | 79.64 | 0.00 |
| 339 | 269409.00 | 5069725.00 |  | 79.33 | 0.00 |
| 340 | 269609.00 | 5069725.00 |  | 79.65 | 0.00 |
| 341 | 269809.00 | 5069725.00 |  | 80.00 | 0.00 |
| 342 | 270009.00 | 5069725.00 |  | 80.00 | 0.00 |
| 343 | 270209.00 | 5069725.00 |  | 80.00 | 0.00 |
| 344 | 270409.00 | 5069725.00 |  | 79.91 | 0.00 |
| 345 | 270609.00 | 5069725.00 |  | 79.70 | 0.00 |
| 346 | 270809.00 | 5069725.00 |  | 76.99 | 0.00 |
| 347 | 271009.00 | 5069725.00 |  | 71.85 | 0.00 |
| 348 | 271209.00 | 5069725.00 |  | 68.85 | 0.00 |
| 349 | 271409.00 | 5069725.00 |  | 70.61 | 0.00 |
| 350 | 271609.00 | 5069725.00 |  | 72.36 | 0.00 |
| 351 | 271809.00 | 5069725.00 |  | 74.24 | 0.00 |
| 352 | 272009.00 | 5069725.00 |  | 76.96 | 0.00 |
| 353 | 272209.00 | 5069725.00 |  | 76.30 | 0.00 |
| 354 | 272409.00 | 5069725.00 |  | 75.89 | 0.00 |
| 355 | 272609.00 | 5069725.00 |  | 75.22 | 0.00 |
| 356 | 272809.00 | 5069725.00 |  | 75.18 | 0.00 |
| 357 | 273009.00 | 5069725.00 |  | 75.73 | 0.00 |
| 358 | 273209.00 | 5069725.00 |  | 75.35 | 0.00 |
| 359 | 273409.00 | 5069725.00 |  | 76.29 | 0.00 |
| 360 | 273609.00 | 5069725.00 |  | 76.02 | 0.00 |
| 361 | 273809.00 | 5069725.00 |  | 75.28 | 0.00 |
| 362 | 274009.00 | 5069725.00 |  | 74.54 | 0.00 |
| 363 | 274209.00 | 5069725.00 |  | 73.80 | 0.00 |
| 364 | 274409.00 | 5069725.00 |  | 73.06 | 0.00 |
| 365 | 274609.00 | 5069725.00 |  | 72.38 | 0.00 |
| 366 | 274809.00 | 5069725.00 |  | 71.48 | 0.00 |
| 367 | 275009.00 | 5069725.00 |  | 70.27 | 0.00 |
| 368 | 275209.00 | 5069725.00 |  | 69.41 | 0.00 |
| 369 | 275409.00 | 5069725.00 |  | 68.59 | 0.00 |
| 370 | 275609.00 | 5069725.00 |  | 67.89 | 0.00 |
| 371 | 275809.00 | 5069725.00 |  | 67.06 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 372 | 276009.00 | 5069725.00 |  | 66.23 | 0.00 |
| 373 | 276209.00 | 5069725.00 |  | 65.41 | 0.00 |
| 374 | 276409.00 | 5069725.00 |  | 64.58 | 0.00 |
| 375 | 276609.00 | 5069725.00 |  | 63.88 | 0.00 |
| 376 | 276809.00 | 5069725.00 |  | 63.79 | 0.00 |
| 377 | 277009.00 | 5069725.00 |  | 63.63 | 0.00 |
| 378 | 277209.00 | 5069725.00 |  | 63.46 | 0.00 |
| 379 | 269009.00 | 5069925.00 |  | 79.34 | 0.00 |
| 380 | 269209.00 | 5069925.00 |  | 79.27 | 0.00 |
| 381 | 269409.00 | 5069925.00 |  | 78.90 | 0.00 |
| 382 | 269609.00 | 5069925.00 |  | 79.74 | 0.00 |
| 383 | 269809.00 | 5069925.00 |  | 80.00 | 0.00 |
| 384 | 270009.00 | 5069925.00 |  | 80.00 | 0.00 |
| 385 | 270209.00 | 5069925.00 |  | 80.00 | 0.00 |
| 386 | 270409.00 | 5069925.00 |  | 80.70 | 0.00 |
| 387 | 270609.00 | 5069925.00 |  | 78.95 | 0.00 |
| 388 | 270809.00 | 5069925.00 |  | 73.81 | 0.00 |
| 389 | 271009.00 | 5069925.00 |  | 68.67 | 0.00 |
| 390 | 271209.00 | 5069925.00 |  | 66.51 | 0.00 |
| 391 | 271409.00 | 5069925.00 |  | 68.27 | 0.00 |
| 392 | 271609.00 | 5069925.00 |  | 70.54 | 0.00 |
| 393 | 271809.00 | 5069925.00 |  | 73.26 | 0.00 |
| 394 | 272009.00 | 5069925.00 |  | 75.98 | 0.00 |
| 395 | 272209.00 | 5069925.00 |  | 75.29 | 0.00 |
| 396 | 272409.00 | 5069925.00 |  | 74.34 | 0.00 |
| 397 | 273009.00 | 5069925.00 |  | 74.94 | 0.00 |
| 398 | 273209.00 | 5069925.00 |  | 74.93 | 0.00 |
| 399 | 273409.00 | 5069925.00 |  | 75.61 | 0.00 |
| 400 | 273609.00 | 5069925.00 |  | 76.64 | 0.00 |
| 401 | 273809.00 | 5069925.00 |  | 77.27 | 0.00 |
| 402 | 274009.00 | 5069925.00 |  | 76.53 | 0.00 |
| 403 | 274209.00 | 5069925.00 |  | 75.79 | 0.00 |
| 404 | 274409.00 | 5069925.00 |  | 75.04 | 0.00 |
| 405 | 274609.00 | 5069925.00 |  | 74.30 | 0.00 |
| 406 | 274809.00 | 5069925.00 |  | 73.08 | 0.00 |
| 407 | 275009.00 | 5069925.00 |  | 71.78 | 0.00 |
| 408 | 275209.00 | 5069925.00 |  | 70.44 | 0.00 |
| 409 | 275409.00 | 5069925.00 |  | 69.56 | 0.00 |
| 410 | 275609.00 | 5069925.00 |  | 68.80 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 411 | 275809.00 | 5069925.00 |  | 67.97 | 0.00 |
| 412 | 276009.00 | 5069925.00 |  | 67.12 | 0.00 |
| 413 | 276209.00 | 5069925.00 |  | 66.30 | 0.00 |
| 414 | 276409.00 | 5069925.00 |  | 65.47 | 0.00 |
| 415 | 276609.00 | 5069925.00 |  | 64.53 | 0.00 |
| 416 | 276809.00 | 5069925.00 |  | 63.93 | 0.00 |
| 417 | 277009.00 | 5069925.00 |  | 63.76 | 0.00 |
| 418 | 277209.00 | 5069925.00 |  | 63.60 | 0.00 |
| 419 | 269009.00 | 5070125.00 |  | 79.05 | 0.00 |
| 420 | 269209.00 | 5070125.00 |  | 79.19 | 0.00 |
| 421 | 269409.00 | 5070125.00 |  | 78.60 | 0.00 |
| 422 | 269609.00 | 5070125.00 |  | 79.50 | 0.00 |
| 423 | 269809.00 | 5070125.00 |  | 80.00 | 0.00 |
| 424 | 270009.00 | 5070125.00 |  | 80.00 | 0.00 |
| 425 | 270209.00 | 5070125.00 |  | 82.08 | 0.00 |
| 426 | 270409.00 | 5070125.00 |  | 85.97 | 0.00 |
| 427 | 270609.00 | 5070125.00 |  | 81.05 | 0.00 |
| 428 | 270809.00 | 5070125.00 |  | 72.57 | 0.00 |
| 429 | 271009.00 | 5070125.00 |  | 65.49 | 0.00 |
| 430 | 271209.00 | 5070125.00 |  | 64.17 | 0.00 |
| 431 | 271409.00 | 5070125.00 |  | 66.84 | 0.00 |
| 432 | 271609.00 | 5070125.00 |  | 69.57 | 0.00 |
| 433 | 271809.00 | 5070125.00 |  | 72.29 | 0.00 |
| 434 | 272009.00 | 5070125.00 |  | 75.01 | 0.00 |
| 435 | 272209.00 | 5070125.00 |  | 74.77 | 0.00 |
| 436 | 273209.00 | 5070125.00 |  | 74.24 | 0.00 |
| 437 | 273409.00 | 5070125.00 |  | 74.94 | 0.00 |
| 438 | 273609.00 | 5070125.00 |  | 75.97 | 0.00 |
| 439 | 273809.00 | 5070125.00 |  | 76.99 | 0.00 |
| 440 | 274009.00 | 5070125.00 |  | 78.02 | 0.00 |
| 441 | 274209.00 | 5070125.00 |  | 77.77 | 0.00 |
| 442 | 274409.00 | 5070125.00 |  | 77.07 | 0.00 |
| 443 | 274609.00 | 5070125.00 |  | 75.85 | 0.00 |
| 444 | 274809.00 | 5070125.00 |  | 74.52 | 0.00 |
| 445 | 275009.00 | 5070125.00 |  | 73.15 | 0.00 |
| 446 | 275209.00 | 5070125.00 |  | 71.74 | 0.00 |
| 447 | 275409.00 | 5070125.00 |  | 70.34 | 0.00 |
| 448 | 275609.00 | 5070125.00 |  | 69.63 | 0.00 |
| 449 | 275809.00 | 5070125.00 |  | 68.85 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 450 | 276009.00 | 5070125.00 |  | 68.04 | 0.00 |
| 451 | 276209.00 | 5070125.00 |  | 67.19 | 0.00 |
| 452 | 276409.00 | 5070125.00 |  | 66.26 | 0.00 |
| 453 | 276609.00 | 5070125.00 |  | 65.31 | 0.00 |
| 454 | 276809.00 | 5070125.00 |  | 64.36 | 0.00 |
| 455 | 277009.00 | 5070125.00 |  | 63.90 | 0.00 |
| 456 | 277209.00 | 5070125.00 |  | 63.73 | 0.00 |
| 457 | 269009.00 | 5070325.00 |  | 79.67 | 0.00 |
| 458 | 269209.00 | 5070325.00 |  | 79.15 | 0.00 |
| 459 | 269409.00 | 5070325.00 |  | 78.43 | 0.00 |
| 460 | 269609.00 | 5070325.00 |  | 78.28 | 0.00 |
| 461 | 269809.00 | 5070325.00 |  | 79.28 | 0.00 |
| 462 | 270009.00 | 5070325.00 |  | 80.00 | 0.00 |
| 463 | 270209.00 | 5070325.00 |  | 88.58 | 0.00 |
| 464 | 270409.00 | 5070325.00 |  | 90.00 | 0.00 |
| 465 | 270609.00 | 5070325.00 |  | 83.60 | 0.00 |
| 466 | 270809.00 | 5070325.00 |  | 75.31 | 0.00 |
| 467 | 271009.00 | 5070325.00 |  | 67.86 | 0.00 |
| 468 | 271209.00 | 5070325.00 |  | 65.72 | 0.00 |
| 469 | 271409.00 | 5070325.00 |  | 66.42 | 0.00 |
| 470 | 271609.00 | 5070325.00 |  | 68.59 | 0.00 |
| 471 | 271809.00 | 5070325.00 |  | 71.31 | 0.00 |
| 472 | 272009.00 | 5070325.00 |  | 74.03 | 0.00 |
| 473 | 273409.00 | 5070325.00 |  | 74.26 | 0.00 |
| 474 | 273609.00 | 5070325.00 |  | 75.29 | 0.00 |
| 475 | 273809.00 | 5070325.00 |  | 76.32 | 0.00 |
| 476 | 274009.00 | 5070325.00 |  | 77.34 | 0.00 |
| 477 | 274209.00 | 5070325.00 |  | 78.45 | 0.00 |
| 478 | 274409.00 | 5070325.00 |  | 78.49 | 0.00 |
| 479 | 274609.00 | 5070325.00 |  | 77.07 | 0.00 |
| 480 | 274809.00 | 5070325.00 |  | 75.66 | 0.00 |
| 481 | 275009.00 | 5070325.00 |  | 74.25 | 0.00 |
| 482 | 275209.00 | 5070325.00 |  | 72.84 | 0.00 |
| 483 | 275409.00 | 5070325.00 |  | 71.45 | 0.00 |
| 484 | 275609.00 | 5070325.00 |  | 70.74 | 0.00 |
| 485 | 275809.00 | 5070325.00 |  | 69.75 | 0.00 |
| 486 | 276009.00 | 5070325.00 |  | 68.91 | 0.00 |
| 487 | 276209.00 | 5070325.00 |  | 68.01 | 0.00 |
| 488 | 276409.00 | 5070325.00 |  | 67.03 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 489 | 276609.00 | 5070325.00 |  | 66.09 | 0.00 |
| 490 | 276809.00 | 5070325.00 |  | 65.14 | 0.00 |
| 491 | 277009.00 | 5070325.00 |  | 64.19 | 0.00 |
| 492 | 277209.00 | 5070325.00 |  | 63.87 | 0.00 |
| 493 | 269009.00 | 5070525.00 |  | 79.71 | 0.00 |
| 494 | 269209.00 | 5070525.00 |  | 79.22 | 0.00 |
| 495 | 269409.00 | 5070525.00 |  | 78.76 | 0.00 |
| 496 | 269609.00 | 5070525.00 |  | 78.37 | 0.00 |
| 497 | 269809.00 | 5070525.00 |  | 78.74 | 0.00 |
| 498 | 270009.00 | 5070525.00 |  | 79.85 | 0.00 |
| 499 | 270209.00 | 5070525.00 |  | 84.19 | 0.00 |
| 500 | 270409.00 | 5070525.00 |  | 90.00 | 0.00 |
| 501 | 270609.00 | 5070525.00 |  | 87.67 | 0.00 |
| 502 | 270809.00 | 5070525.00 |  | 80.65 | 0.00 |
| 503 | 271009.00 | 5070525.00 |  | 76.52 | 0.00 |
| 504 | 271209.00 | 5070525.00 |  | 73.23 | 0.00 |
| 505 | 271409.00 | 5070525.00 |  | 72.50 | 0.00 |
| 506 | 271609.00 | 5070525.00 |  | 72.03 | 0.00 |
| 507 | 271809.00 | 5070525.00 |  | 72.70 | 0.00 |
| 508 | 273609.00 | 5070525.00 |  | 74.99 | 0.00 |
| 509 | 273809.00 | 5070525.00 |  | 76.16 | 0.00 |
| 510 | 274009.00 | 5070525.00 |  | 77.32 | 0.00 |
| 511 | 274209.00 | 5070525.00 |  | 78.49 | 0.00 |
| 512 | 274409.00 | 5070525.00 |  | 78.75 | 0.00 |
| 513 | 274609.00 | 5070525.00 |  | 78.17 | 0.00 |
| 514 | 274809.00 | 5070525.00 |  | 76.76 | 0.00 |
| 515 | 275009.00 | 5070525.00 |  | 75.34 | 0.00 |
| 516 | 275209.00 | 5070525.00 |  | 73.93 | 0.00 |
| 517 | 275409.00 | 5070525.00 |  | 72.73 | 0.00 |
| 518 | 275609.00 | 5070525.00 |  | 71.84 | 0.00 |
| 519 | 275809.00 | 5070525.00 |  | 70.75 | 0.00 |
| 520 | 276009.00 | 5070525.00 |  | 69.74 | 0.00 |
| 521 | 276209.00 | 5070525.00 |  | 68.76 | 0.00 |
| 522 | 276409.00 | 5070525.00 |  | 67.81 | 0.00 |
| 523 | 276609.00 | 5070525.00 |  | 66.86 | 0.00 |
| 524 | 276809.00 | 5070525.00 |  | 65.91 | 0.00 |
| 525 | 277009.00 | 5070525.00 |  | 64.96 | 0.00 |
| 526 | 277209.00 | 5070525.00 |  | 64.04 | 0.00 |
| 527 | 269009.00 | 5070725.00 |  | 80.00 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 528 | 269209.00 | 5070725.00 |  | 79.64 | 0.00 |
| 529 | 269409.00 | 5070725.00 |  | 79.22 | 0.00 |
| 530 | 269609.00 | 5070725.00 |  | 78.96 | 0.00 |
| 531 | 269809.00 | 5070725.00 |  | 79.32 | 0.00 |
| 532 | 270009.00 | 5070725.00 |  | 79.80 | 0.00 |
| 533 | 270209.00 | 5070725.00 |  | 83.58 | 0.00 |
| 534 | 270409.00 | 5070725.00 |  | 90.00 | 0.00 |
| 535 | 270609.00 | 5070725.00 |  | 90.00 | 0.00 |
| 536 | 270809.00 | 5070725.00 |  | 88.46 | 0.00 |
| 537 | 271009.00 | 5070725.00 |  | 85.17 | 0.00 |
| 538 | 271209.00 | 5070725.00 |  | 81.88 | 0.00 |
| 539 | 271409.00 | 5070725.00 |  | 78.60 | 0.00 |
| 540 | 271609.00 | 5070725.00 |  | 79.28 | 0.00 |
| 541 | 271809.00 | 5070725.00 |  | 77.57 | 0.00 |
| 542 | 273809.00 | 5070725.00 |  | 76.19 | 0.00 |
| 543 | 274009.00 | 5070725.00 |  | 77.36 | 0.00 |
| 544 | 274209.00 | 5070725.00 |  | 78.52 | 0.00 |
| 545 | 274409.00 | 5070725.00 |  | 78.74 | 0.00 |
| 546 | 274609.00 | 5070725.00 |  | 78.30 | 0.00 |
| 547 | 274809.00 | 5070725.00 |  | 77.85 | 0.00 |
| 548 | 275009.00 | 5070725.00 |  | 76.44 | 0.00 |
| 549 | 275209.00 | 5070725.00 |  | 75.03 | 0.00 |
| 550 | 275409.00 | 5070725.00 |  | 74.01 | 0.00 |
| 551 | 275609.00 | 5070725.00 |  | 72.91 | 0.00 |
| 552 | 275809.00 | 5070725.00 |  | 71.77 | 0.00 |
| 553 | 276009.00 | 5070725.00 |  | 70.59 | 0.00 |
| 554 | 276209.00 | 5070725.00 |  | 69.53 | 0.00 |
| 555 | 276409.00 | 5070725.00 |  | 68.59 | 0.00 |
| 556 | 276609.00 | 5070725.00 |  | 67.63 | 0.00 |
| 557 | 276809.00 | 5070725.00 |  | 66.74 | 0.00 |
| 558 | 277009.00 | 5070725.00 |  | 65.90 | 0.00 |
| 559 | 277209.00 | 5070725.00 |  | 64.98 | 0.00 |
| 560 | 269009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 561 | 269209.00 | 5070925.00 |  | 80.00 | 0.00 |
| 562 | 269409.00 | 5070925.00 |  | 79.80 | 0.00 |
| 563 | 269609.00 | 5070925.00 |  | 79.55 | 0.00 |
| 564 | 269809.00 | 5070925.00 |  | 79.90 | 0.00 |
| 565 | 270009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 566 | 270209.00 | 5070925.00 |  | 82.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 567 | 270409.00 | 5070925.00 |  | 90.00 | 0.00 |
| 568 | 270609.00 | 5070925.00 |  | 90.00 | 0.00 |
| 569 | 270809.00 | 5070925.00 |  | 89.84 | 0.00 |
| 570 | 271009.00 | 5070925.00 |  | 87.30 | 0.00 |
| 571 | 271209.00 | 5070925.00 |  | 85.08 | 0.00 |
| 572 | 271409.00 | 5070925.00 |  | 81.55 | 0.00 |
| 573 | 271609.00 | 5070925.00 |  | 80.21 | 0.00 |
| 574 | 271809.00 | 5070925.00 |  | 80.00 | 0.00 |
| 575 | 272009.00 | 5070925.00 |  | 79.32 | 0.00 |
| 576 | 274009.00 | 5070925.00 |  | 77.39 | 0.00 |
| 577 | 274209.00 | 5070925.00 |  | 78.56 | 0.00 |
| 578 | 274409.00 | 5070925.00 |  | 78.73 | 0.00 |
| 579 | 274609.00 | 5070925.00 |  | 78.28 | 0.00 |
| 580 | 274809.00 | 5070925.00 |  | 77.84 | 0.00 |
| 581 | 275009.00 | 5070925.00 |  | 77.40 | 0.00 |
| 582 | 275209.00 | 5070925.00 |  | 76.12 | 0.00 |
| 583 | 275409.00 | 5070925.00 |  | 75.07 | 0.00 |
| 584 | 275609.00 | 5070925.00 |  | 73.88 | 0.00 |
| 585 | 275809.00 | 5070925.00 |  | 72.71 | 0.00 |
| 586 | 276009.00 | 5070925.00 |  | 71.50 | 0.00 |
| 587 | 276209.00 | 5070925.00 |  | 70.32 | 0.00 |
| 588 | 276409.00 | 5070925.00 |  | 69.44 | 0.00 |
| 589 | 276609.00 | 5070925.00 |  | 68.55 | 0.00 |
| 590 | 276809.00 | 5070925.00 |  | 67.73 | 0.00 |
| 591 | 277009.00 | 5070925.00 |  | 66.89 | 0.00 |
| 592 | 277209.00 | 5070925.00 |  | 65.93 | 0.00 |
| 593 | 269009.00 | 5071125.00 |  | 83.50 | 0.00 |
| 594 | 269209.00 | 5071125.00 |  | 80.34 | 0.00 |
| 595 | 269409.00 | 5071125.00 |  | 80.12 | 0.00 |
| 596 | 269609.00 | 5071125.00 |  | 80.00 | 0.00 |
| 597 | 269809.00 | 5071125.00 |  | 80.00 | 0.00 |
| 598 | 270009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 599 | 270209.00 | 5071125.00 |  | 81.91 | 0.00 |
| 600 | 270409.00 | 5071125.00 |  | 87.07 | 0.00 |
| 601 | 270609.00 | 5071125.00 |  | 90.00 | 0.00 |
| 602 | 270809.00 | 5071125.00 |  | 90.00 | 0.00 |
| 603 | 271009.00 | 5071125.00 |  | 89.04 | 0.00 |
| 604 | 271209.00 | 5071125.00 |  | 84.54 | 0.00 |
| 605 | 271409.00 | 5071125.00 |  | 84.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 606 | 271609.00 | 5071125.00 |  | 82.85 | 0.00 |
| 607 | 271809.00 | 5071125.00 |  | 80.03 | 0.00 |
| 608 | 272009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 609 | 272209.00 | 5071125.00 |  | 78.52 | 0.00 |
| 610 | 274209.00 | 5071125.00 |  | 78.59 | 0.00 |
| 611 | 274409.00 | 5071125.00 |  | 78.71 | 0.00 |
| 612 | 274609.00 | 5071125.00 |  | 78.27 | 0.00 |
| 613 | 274809.00 | 5071125.00 |  | 77.83 | 0.00 |
| 614 | 275009.00 | 5071125.00 |  | 77.38 | 0.00 |
| 615 | 275209.00 | 5071125.00 |  | 76.95 | 0.00 |
| 616 | 275409.00 | 5071125.00 |  | 75.91 | 0.00 |
| 617 | 275609.00 | 5071125.00 |  | 74.69 | 0.00 |
| 618 | 275809.00 | 5071125.00 |  | 73.47 | 0.00 |
| 619 | 276009.00 | 5071125.00 |  | 72.26 | 0.00 |
| 620 | 276209.00 | 5071125.00 |  | 71.18 | 0.00 |
| 621 | 276409.00 | 5071125.00 |  | 70.34 | 0.00 |
| 622 | 276609.00 | 5071125.00 |  | 69.55 | 0.00 |
| 623 | 276809.00 | 5071125.00 |  | 68.77 | 0.00 |
| 624 | 277009.00 | 5071125.00 |  | 67.86 | 0.00 |
| 625 | 277209.00 | 5071125.00 |  | 66.88 | 0.00 |
| 626 | 269009.00 | 5071325.00 |  | 86.87 | 0.00 |
| 627 | 269209.00 | 5071325.00 |  | 80.49 | 0.00 |
| 628 | 269409.00 | 5071325.00 |  | 80.40 | 0.00 |
| 629 | 269609.00 | 5071325.00 |  | 80.20 | 0.00 |
| 630 | 269809.00 | 5071325.00 |  | 80.00 | 0.00 |
| 631 | 270009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 632 | 270209.00 | 5071325.00 |  | 80.00 | 0.00 |
| 633 | 270409.00 | 5071325.00 |  | 82.30 | 0.00 |
| 634 | 270609.00 | 5071325.00 |  | 88.51 | 0.00 |
| 635 | 270809.00 | 5071325.00 |  | 92.82 | 0.00 |
| 636 | 271009.00 | 5071325.00 |  | 91.53 | 0.00 |
| 637 | 271209.00 | 5071325.00 |  | 90.00 | 0.00 |
| 638 | 271409.00 | 5071325.00 |  | 87.26 | 0.00 |
| 639 | 271609.00 | 5071325.00 |  | 84.37 | 0.00 |
| 640 | 271809.00 | 5071325.00 |  | 81.39 | 0.00 |
| 641 | 272009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 642 | 272209.00 | 5071325.00 |  | 78.86 | 0.00 |
| 643 | 272409.00 | 5071325.00 |  | 77.15 | 0.00 |
| 644 | 274209.00 | 5071325.00 |  | 78.63 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 645 | 274409.00 | 5071325.00 |  | 78.70 | 0.00 |
| 646 | 274609.00 | 5071325.00 |  | 78.24 | 0.00 |
| 647 | 274809.00 | 5071325.00 |  | 77.77 | 0.00 |
| 648 | 275009.00 | 5071325.00 |  | 77.30 | 0.00 |
| 649 | 275209.00 | 5071325.00 |  | 76.90 | 0.00 |
| 650 | 275409.00 | 5071325.00 |  | 76.65 | 0.00 |
| 651 | 275609.00 | 5071325.00 |  | 75.45 | 0.00 |
| 652 | 275809.00 | 5071325.00 |  | 74.23 | 0.00 |
| 653 | 276009.00 | 5071325.00 |  | 73.02 | 0.00 |
| 654 | 276209.00 | 5071325.00 |  | 72.12 | 0.00 |
| 655 | 276409.00 | 5071325.00 |  | 71.32 | 0.00 |
| 656 | 276609.00 | 5071325.00 |  | 70.54 | 0.00 |
| 657 | 276809.00 | 5071325.00 |  | 69.73 | 0.00 |
| 658 | 277009.00 | 5071325.00 |  | 68.81 | 0.00 |
| 659 | 277209.00 | 5071325.00 |  | 67.82 | 0.00 |
| 660 | 269009.00 | 5071525.00 |  | 86.19 | 0.00 |
| 661 | 269209.00 | 5071525.00 |  | 80.84 | 0.00 |
| 662 | 269409.00 | 5071525.00 |  | 80.57 | 0.00 |
| 663 | 269609.00 | 5071525.00 |  | 80.25 | 0.00 |
| 664 | 269809.00 | 5071525.00 |  | 80.00 | 0.00 |
| 665 | 270009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 666 | 270209.00 | 5071525.00 |  | 80.00 | 0.00 |
| 667 | 270409.00 | 5071525.00 |  | 80.00 | 0.00 |
| 668 | 270609.00 | 5071525.00 |  | 84.96 | 0.00 |
| 669 | 270809.00 | 5071525.00 |  | 88.51 | 0.00 |
| 670 | 271009.00 | 5071525.00 |  | 90.00 | 0.00 |
| 671 | 271209.00 | 5071525.00 |  | 90.00 | 0.00 |
| 672 | 271409.00 | 5071525.00 |  | 87.51 | 0.00 |
| 673 | 271609.00 | 5071525.00 |  | 84.04 | 0.00 |
| 674 | 271809.00 | 5071525.00 |  | 80.88 | 0.00 |
| 675 | 272009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 676 | 272209.00 | 5071525.00 |  | 79.79 | 0.00 |
| 677 | 272409.00 | 5071525.00 |  | 78.06 | 0.00 |
| 678 | 272609.00 | 5071525.00 |  | 76.48 | 0.00 |
| 679 | 274009.00 | 5071525.00 |  | 77.44 | 0.00 |
| 680 | 274209.00 | 5071525.00 |  | 78.38 | 0.00 |
| 681 | 274409.00 | 5071525.00 |  | 78.62 | 0.00 |
| 682 | 274609.00 | 5071525.00 |  | 78.15 | 0.00 |
| 683 | 274809.00 | 5071525.00 |  | 77.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 684 | 275009.00 | 5071525.00 |  | 77.21 | 0.00 |
| 685 | 275209.00 | 5071525.00 |  | 76.86 | 0.00 |
| 686 | 275409.00 | 5071525.00 |  | 76.60 | 0.00 |
| 687 | 275609.00 | 5071525.00 |  | 76.21 | 0.00 |
| 688 | 275809.00 | 5071525.00 |  | 74.99 | 0.00 |
| 689 | 276009.00 | 5071525.00 |  | 73.89 | 0.00 |
| 690 | 276209.00 | 5071525.00 |  | 73.08 | 0.00 |
| 691 | 276409.00 | 5071525.00 |  | 72.29 | 0.00 |
| 692 | 276609.00 | 5071525.00 |  | 71.46 | 0.00 |
| 693 | 276809.00 | 5071525.00 |  | 70.58 | 0.00 |
| 694 | 277009.00 | 5071525.00 |  | 69.66 | 0.00 |
| 695 | 277209.00 | 5071525.00 |  | 68.62 | 0.00 |
| 696 | 269009.00 | 5071725.00 |  | 83.51 | 0.00 |
| 697 | 269209.00 | 5071725.00 |  | 82.08 | 0.00 |
| 698 | 269409.00 | 5071725.00 |  | 80.98 | 0.00 |
| 699 | 269609.00 | 5071725.00 |  | 80.28 | 0.00 |
| 700 | 269809.00 | 5071725.00 |  | 80.00 | 0.00 |
| 701 | 270009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 702 | 270209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 703 | 270409.00 | 5071725.00 |  | 80.00 | 0.00 |
| 704 | 270609.00 | 5071725.00 |  | 80.58 | 0.00 |
| 705 | 270809.00 | 5071725.00 |  | 84.67 | 0.00 |
| 706 | 271009.00 | 5071725.00 |  | 87.86 | 0.00 |
| 707 | 271209.00 | 5071725.00 |  | 89.11 | 0.00 |
| 708 | 271409.00 | 5071725.00 |  | 86.23 | 0.00 |
| 709 | 271609.00 | 5071725.00 |  | 83.30 | 0.00 |
| 710 | 271809.00 | 5071725.00 |  | 80.56 | 0.00 |
| 711 | 272009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 712 | 272209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 713 | 272409.00 | 5071725.00 |  | 78.95 | 0.00 |
| 714 | 272609.00 | 5071725.00 |  | 77.52 | 0.00 |
| 715 | 272809.00 | 5071725.00 |  | 77.45 | 0.00 |
| 716 | 273809.00 | 5071725.00 |  | 76.00 | 0.00 |
| 717 | 274009.00 | 5071725.00 |  | 76.94 | 0.00 |
| 718 | 274209.00 | 5071725.00 |  | 77.82 | 0.00 |
| 719 | 274409.00 | 5071725.00 |  | 78.09 | 0.00 |
| 720 | 274609.00 | 5071725.00 |  | 78.06 | 0.00 |
| 721 | 274809.00 | 5071725.00 |  | 77.59 | 0.00 |
| 722 | 275009.00 | 5071725.00 |  | 77.12 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 723 | 275209.00 | 5071725.00 |  | 76.81 | 0.00 |
| 724 | 275409.00 | 5071725.00 |  | 76.55 | 0.00 |
| 725 | 275609.00 | 5071725.00 |  | 76.30 | 0.00 |
| 726 | 275809.00 | 5071725.00 |  | 75.75 | 0.00 |
| 727 | 276009.00 | 5071725.00 |  | 74.84 | 0.00 |
| 728 | 276209.00 | 5071725.00 |  | 73.97 | 0.00 |
| 729 | 276409.00 | 5071725.00 |  | 73.04 | 0.00 |
| 730 | 276609.00 | 5071725.00 |  | 72.15 | 0.00 |
| 731 | 276809.00 | 5071725.00 |  | 71.27 | 0.00 |
| 732 | 277009.00 | 5071725.00 |  | 70.38 | 0.00 |
| 733 | 277209.00 | 5071725.00 |  | 69.45 | 0.00 |
| 734 | 269009.00 | 5071925.00 |  | 85.79 | 0.00 |
| 735 | 269209.00 | 5071925.00 |  | 84.50 | 0.00 |
| 736 | 269409.00 | 5071925.00 |  | 83.40 | 0.00 |
| 737 | 269609.00 | 5071925.00 |  | 82.29 | 0.00 |
| 738 | 269809.00 | 5071925.00 |  | 80.26 | 0.00 |
| 739 | 270009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 740 | 270209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 741 | 270409.00 | 5071925.00 |  | 80.00 | 0.00 |
| 742 | 270609.00 | 5071925.00 |  | 80.00 | 0.00 |
| 743 | 270809.00 | 5071925.00 |  | 81.90 | 0.00 |
| 744 | 271009.00 | 5071925.00 |  | 84.79 | 0.00 |
| 745 | 271209.00 | 5071925.00 |  | 85.80 | 0.00 |
| 746 | 271409.00 | 5071925.00 |  | 82.94 | 0.00 |
| 747 | 271609.00 | 5071925.00 |  | 82.56 | 0.00 |
| 748 | 271809.00 | 5071925.00 |  | 81.45 | 0.00 |
| 749 | 272009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 750 | 272209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 751 | 272409.00 | 5071925.00 |  | 79.98 | 0.00 |
| 752 | 272609.00 | 5071925.00 |  | 78.61 | 0.00 |
| 753 | 272809.00 | 5071925.00 |  | 78.32 | 0.00 |
| 754 | 273009.00 | 5071925.00 |  | 77.77 | 0.00 |
| 755 | 273609.00 | 5071925.00 |  | 74.55 | 0.00 |
| 756 | 273809.00 | 5071925.00 |  | 75.49 | 0.00 |
| 757 | 274009.00 | 5071925.00 |  | 76.44 | 0.00 |
| 758 | 274209.00 | 5071925.00 |  | 77.25 | 0.00 |
| 759 | 274409.00 | 5071925.00 |  | 77.55 | 0.00 |
| 760 | 274609.00 | 5071925.00 |  | 77.53 | 0.00 |
| 761 | 274809.00 | 5071925.00 |  | 77.51 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 762 | 275009.00 | 5071925.00 |  | 77.04 | 0.00 |
| 763 | 275209.00 | 5071925.00 |  | 76.76 | 0.00 |
| 764 | 275409.00 | 5071925.00 |  | 76.51 | 0.00 |
| 765 | 275609.00 | 5071925.00 |  | 76.26 | 0.00 |
| 766 | 275809.00 | 5071925.00 |  | 76.02 | 0.00 |
| 767 | 276009.00 | 5071925.00 |  | 75.69 | 0.00 |
| 768 | 276209.00 | 5071925.00 |  | 74.80 | 0.00 |
| 769 | 276409.00 | 5071925.00 |  | 73.92 | 0.00 |
| 770 | 276609.00 | 5071925.00 |  | 73.04 | 0.00 |
| 771 | 276809.00 | 5071925.00 |  | 72.16 | 0.00 |
| 772 | 277009.00 | 5071925.00 |  | 71.21 | 0.00 |
| 773 | 277209.00 | 5071925.00 |  | 70.00 | 0.00 |
| 774 | 269009.00 | 5072125.00 |  | 88.26 | 0.00 |
| 775 | 269209.00 | 5072125.00 |  | 86.91 | 0.00 |
| 776 | 269409.00 | 5072125.00 |  | 85.81 | 0.00 |
| 777 | 269609.00 | 5072125.00 |  | 83.75 | 0.00 |
| 778 | 269809.00 | 5072125.00 |  | 81.10 | 0.00 |
| 779 | 270009.00 | 5072125.00 |  | 81.04 | 0.00 |
| 780 | 270209.00 | 5072125.00 |  | 80.79 | 0.00 |
| 781 | 270409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 782 | 270609.00 | 5072125.00 |  | 80.00 | 0.00 |
| 783 | 270809.00 | 5072125.00 |  | 80.00 | 0.00 |
| 784 | 271009.00 | 5072125.00 |  | 81.35 | 0.00 |
| 785 | 271209.00 | 5072125.00 |  | 82.49 | 0.00 |
| 786 | 271409.00 | 5072125.00 |  | 81.36 | 0.00 |
| 787 | 271609.00 | 5072125.00 |  | 81.13 | 0.00 |
| 788 | 271809.00 | 5072125.00 |  | 80.91 | 0.00 |
| 789 | 272009.00 | 5072125.00 |  | 80.00 | 0.00 |
| 790 | 272209.00 | 5072125.00 |  | 80.00 | 0.00 |
| 791 | 272409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 792 | 272609.00 | 5072125.00 |  | 79.74 | 0.00 |
| 793 | 272809.00 | 5072125.00 |  | 79.19 | 0.00 |
| 794 | 273009.00 | 5072125.00 |  | 78.64 | 0.00 |
| 795 | 273209.00 | 5072125.00 |  | 77.54 | 0.00 |
| 796 | 273609.00 | 5072125.00 |  | 74.05 | 0.00 |
| 797 | 273809.00 | 5072125.00 |  | 74.99 | 0.00 |
| 798 | 274009.00 | 5072125.00 |  | 75.90 | 0.00 |
| 799 | 274209.00 | 5072125.00 |  | 76.69 | 0.00 |
| 800 | 274409.00 | 5072125.00 |  | 77.01 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 801 | 274609.00 | 5072125.00 |  | 76.99 | 0.00 |
| 802 | 274809.00 | 5072125.00 |  | 76.97 | 0.00 |
| 803 | 275009.00 | 5072125.00 |  | 76.98 | 0.00 |
| 804 | 275209.00 | 5072125.00 |  | 76.74 | 0.00 |
| 805 | 275409.00 | 5072125.00 |  | 76.50 | 0.00 |
| 806 | 275609.00 | 5072125.00 |  | 76.25 | 0.00 |
| 807 | 275809.00 | 5072125.00 |  | 76.01 | 0.00 |
| 808 | 276009.00 | 5072125.00 |  | 76.00 | 0.00 |
| 809 | 276209.00 | 5072125.00 |  | 75.70 | 0.00 |
| 810 | 276409.00 | 5072125.00 |  | 74.82 | 0.00 |
| 811 | 276609.00 | 5072125.00 |  | 73.94 | 0.00 |
| 812 | 276809.00 | 5072125.00 |  | 73.06 | 0.00 |
| 813 | 277009.00 | 5072125.00 |  | 72.02 | 0.00 |
| 814 | 277209.00 | 5072125.00 |  | 70.82 | 0.00 |
| 815 | 269009.00 | 5072325.00 |  | 90.00 | 0.00 |
| 816 | 269209.00 | 5072325.00 |  | 89.32 | 0.00 |
| 817 | 269409.00 | 5072325.00 |  | 87.38 | 0.00 |
| 818 | 269609.00 | 5072325.00 |  | 85.43 | 0.00 |
| 819 | 269809.00 | 5072325.00 |  | 83.89 | 0.00 |
| 820 | 270009.00 | 5072325.00 |  | 84.28 | 0.00 |
| 821 | 270209.00 | 5072325.00 |  | 83.43 | 0.00 |
| 822 | 270409.00 | 5072325.00 |  | 82.20 | 0.00 |
| 823 | 270609.00 | 5072325.00 |  | 80.47 | 0.00 |
| 824 | 270809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 825 | 271009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 826 | 271209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 827 | 271409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 828 | 271609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 829 | 271809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 830 | 272009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 831 | 272209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 832 | 272409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 833 | 272609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 834 | 272809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 835 | 273009.00 | 5072325.00 |  | 79.52 | 0.00 |
| 836 | 273209.00 | 5072325.00 |  | 78.64 | 0.00 |
| 837 | 273409.00 | 5072325.00 |  | 76.73 | 0.00 |
| 838 | 273609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 839 | 273809.00 | 5072325.00 |  | 74.49 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 840 | 274009.00 | 5072325.00 |  | 75.33 | 0.00 |
| 841 | 274209.00 | 5072325.00 |  | 76.12 | 0.00 |
| 842 | 274409.00 | 5072325.00 |  | 76.47 | 0.00 |
| 843 | 274609.00 | 5072325.00 |  | 76.45 | 0.00 |
| 844 | 274809.00 | 5072325.00 |  | 76.63 | 0.00 |
| 845 | 275009.00 | 5072325.00 |  | 76.82 | 0.00 |
| 846 | 275209.00 | 5072325.00 |  | 76.73 | 0.00 |
| 847 | 275409.00 | 5072325.00 |  | 76.49 | 0.00 |
| 848 | 275609.00 | 5072325.00 |  | 76.25 | 0.00 |
| 849 | 275809.00 | 5072325.00 |  | 76.01 | 0.00 |
| 850 | 276009.00 | 5072325.00 |  | 76.00 | 0.00 |
| 851 | 276209.00 | 5072325.00 |  | 76.00 | 0.00 |
| 852 | 276409.00 | 5072325.00 |  | 75.71 | 0.00 |
| 853 | 276609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 854 | 276809.00 | 5072325.00 |  | 73.95 | 0.00 |
| 855 | 277009.00 | 5072325.00 |  | 72.83 | 0.00 |
| 856 | 277209.00 | 5072325.00 |  | 71.88 | 0.00 |
| 857 | 269009.00 | 5072525.00 |  | 90.00 | 0.00 |
| 858 | 269209.00 | 5072525.00 |  | 90.00 | 0.00 |
| 859 | 269409.00 | 5072525.00 |  | 89.94 | 0.00 |
| 860 | 269609.00 | 5072525.00 |  | 87.87 | 0.00 |
| 861 | 269809.00 | 5072525.00 |  | 87.09 | 0.00 |
| 862 | 270009.00 | 5072525.00 |  | 87.05 | 0.00 |
| 863 | 270209.00 | 5072525.00 |  | 85.80 | 0.00 |
| 864 | 270409.00 | 5072525.00 |  | 83.80 | 0.00 |
| 865 | 270609.00 | 5072525.00 |  | 82.29 | 0.00 |
| 866 | 270809.00 | 5072525.00 |  | 80.41 | 0.00 |
| 867 | 271009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 868 | 271209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 869 | 271409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 870 | 271609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 871 | 271809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 872 | 272009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 873 | 272209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 874 | 272409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 875 | 272609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 876 | 272809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 877 | 273009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 878 | 273209.00 | 5072525.00 |  | 79.73 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 879 | 273409.00 | 5072525.00 |  | 77.83 | 0.00 |
| 880 | 273609.00 | 5072525.00 |  | 75.98 | 0.00 |
| 881 | 273809.00 | 5072525.00 |  | 74.33 | 0.00 |
| 882 | 274009.00 | 5072525.00 |  | 75.15 | 0.00 |
| 883 | 274209.00 | 5072525.00 |  | 75.97 | 0.00 |
| 884 | 274409.00 | 5072525.00 |  | 76.08 | 0.00 |
| 885 | 274609.00 | 5072525.00 |  | 76.26 | 0.00 |
| 886 | 274809.00 | 5072525.00 |  | 76.45 | 0.00 |
| 887 | 275009.00 | 5072525.00 |  | 76.63 | 0.00 |
| 888 | 275209.00 | 5072525.00 |  | 76.58 | 0.00 |
| 889 | 275409.00 | 5072525.00 |  | 76.49 | 0.00 |
| 890 | 275609.00 | 5072525.00 |  | 76.25 | 0.00 |
| 891 | 275809.00 | 5072525.00 |  | 76.01 | 0.00 |
| 892 | 276009.00 | 5072525.00 |  | 76.00 | 0.00 |
| 893 | 276209.00 | 5072525.00 |  | 76.00 | 0.00 |
| 894 | 276409.00 | 5072525.00 |  | 76.00 | 0.00 |
| 895 | 276609.00 | 5072525.00 |  | 75.73 | 0.00 |
| 896 | 276809.00 | 5072525.00 |  | 74.84 | 0.00 |
| 897 | 277009.00 | 5072525.00 |  | 73.83 | 0.00 |
| 898 | 277209.00 | 5072525.00 |  | 72.99 | 0.00 |
| 899 | 269009.00 | 5072725.00 |  | 90.00 | 0.00 |
| 900 | 269209.00 | 5072725.00 |  | 90.00 | 0.00 |
| 901 | 269409.00 | 5072725.00 |  | 89.61 | 0.00 |
| 902 | 269609.00 | 5072725.00 |  | 90.00 | 0.00 |
| 903 | 269809.00 | 5072725.00 |  | 90.70 | 0.00 |
| 904 | 270009.00 | 5072725.00 |  | 89.40 | 0.00 |
| 905 | 270209.00 | 5072725.00 |  | 87.15 | 0.00 |
| 906 | 270409.00 | 5072725.00 |  | 85.39 | 0.00 |
| 907 | 270609.00 | 5072725.00 |  | 83.60 | 0.00 |
| 908 | 270809.00 | 5072725.00 |  | 81.03 | 0.00 |
| 909 | 271009.00 | 5072725.00 |  | 80.05 | 0.00 |
| 910 | 271209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 911 | 271409.00 | 5072725.00 |  | 80.00 | 0.00 |
| 912 | 271609.00 | 5072725.00 |  | 80.00 | 0.00 |
| 913 | 271809.00 | 5072725.00 |  | 80.00 | 0.00 |
| 914 | 272009.00 | 5072725.00 |  | 80.00 | 0.00 |
| 915 | 272209.00 | 5072725.00 |  | 80.01 | 0.00 |
| 916 | 272409.00 | 5072725.00 |  | 80.09 | 0.00 |
| 917 | 272609.00 | 5072725.00 |  | 80.16 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 918 | 272809.00 | 5072725.00 |  | 80.13 | 0.00 |
| 919 | 273009.00 | 5072725.00 |  | 80.04 | 0.00 |
| 920 | 273209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 921 | 273409.00 | 5072725.00 |  | 79.70 | 0.00 |
| 922 | 273609.00 | 5072725.00 |  | 78.26 | 0.00 |
| 923 | 273809.00 | 5072725.00 |  | 77.38 | 0.00 |
| 924 | 274009.00 | 5072725.00 |  | 77.72 | 0.00 |
| 925 | 274209.00 | 5072725.00 |  | 74.58 | 0.00 |
| 926 | 274409.00 | 5072725.00 |  | 74.87 | 0.00 |
| 927 | 274609.00 | 5072725.00 |  | 76.08 | 0.00 |
| 928 | 274809.00 | 5072725.00 |  | 76.26 | 0.00 |
| 929 | 275009.00 | 5072725.00 |  | 76.45 | 0.00 |
| 930 | 275209.00 | 5072725.00 |  | 76.43 | 0.00 |
| 931 | 275409.00 | 5072725.00 |  | 76.34 | 0.00 |
| 932 | 275609.00 | 5072725.00 |  | 76.24 | 0.00 |
| 933 | 275809.00 | 5072725.00 |  | 76.00 | 0.00 |
| 934 | 276009.00 | 5072725.00 |  | 76.00 | 0.00 |
| 935 | 276209.00 | 5072725.00 |  | 76.00 | 0.00 |
| 936 | 276409.00 | 5072725.00 |  | 76.00 | 0.00 |
| 937 | 276609.00 | 5072725.00 |  | 76.00 | 0.00 |
| 938 | 276809.00 | 5072725.00 |  | 75.73 | 0.00 |
| 939 | 277009.00 | 5072725.00 |  | 74.79 | 0.00 |
| 940 | 277209.00 | 5072725.00 |  | 73.86 | 0.00 |
| 941 | 269009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 942 | 269209.00 | 5072925.00 |  | 90.00 | 0.00 |
| 943 | 269409.00 | 5072925.00 |  | 88.17 | 0.00 |
| 944 | 269609.00 | 5072925.00 |  | 90.00 | 0.00 |
| 945 | 269809.00 | 5072925.00 |  | 97.67 | 0.00 |
| 946 | 270009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 947 | 270209.00 | 5072925.00 |  | 87.69 | 0.00 |
| 948 | 270409.00 | 5072925.00 |  | 85.10 | 0.00 |
| 949 | 270609.00 | 5072925.00 |  | 82.52 | 0.00 |
| 950 | 270809.00 | 5072925.00 |  | 80.00 | 0.00 |
| 951 | 271009.00 | 5072925.00 |  | 80.46 | 0.00 |
| 952 | 271209.00 | 5072925.00 |  | 80.06 | 0.00 |
| 953 | 271409.00 | 5072925.00 |  | 80.00 | 0.00 |
| 954 | 271609.00 | 5072925.00 |  | 80.00 | 0.00 |
| 955 | 271809.00 | 5072925.00 |  | 80.09 | 0.00 |
| 956 | 272009.00 | 5072925.00 |  | 80.19 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |        |      |
|-----|-----------|------------|--|--------|------|
| 957 | 272209.00 | 5072925.00 |  | 80.23  | 0.00 |
| 958 | 272409.00 | 5072925.00 |  | 80.30  | 0.00 |
| 959 | 272609.00 | 5072925.00 |  | 80.37  | 0.00 |
| 960 | 272809.00 | 5072925.00 |  | 80.35  | 0.00 |
| 961 | 273009.00 | 5072925.00 |  | 80.24  | 0.00 |
| 962 | 273209.00 | 5072925.00 |  | 80.10  | 0.00 |
| 963 | 273409.00 | 5072925.00 |  | 80.00  | 0.00 |
| 964 | 273609.00 | 5072925.00 |  | 80.00  | 0.00 |
| 965 | 273809.00 | 5072925.00 |  | 78.25  | 0.00 |
| 966 | 274009.00 | 5072925.00 |  | 75.10  | 0.00 |
| 967 | 274209.00 | 5072925.00 |  | 72.34  | 0.00 |
| 968 | 274409.00 | 5072925.00 |  | 72.94  | 0.00 |
| 969 | 274609.00 | 5072925.00 |  | 74.90  | 0.00 |
| 970 | 274809.00 | 5072925.00 |  | 76.08  | 0.00 |
| 971 | 275009.00 | 5072925.00 |  | 76.27  | 0.00 |
| 972 | 275209.00 | 5072925.00 |  | 76.27  | 0.00 |
| 973 | 275409.00 | 5072925.00 |  | 76.19  | 0.00 |
| 974 | 275609.00 | 5072925.00 |  | 76.10  | 0.00 |
| 975 | 275809.00 | 5072925.00 |  | 76.00  | 0.00 |
| 976 | 276009.00 | 5072925.00 |  | 75.96  | 0.00 |
| 977 | 276209.00 | 5072925.00 |  | 75.87  | 0.00 |
| 978 | 276409.00 | 5072925.00 |  | 75.79  | 0.00 |
| 979 | 276609.00 | 5072925.00 |  | 75.71  | 0.00 |
| 980 | 276809.00 | 5072925.00 |  | 75.65  | 0.00 |
| 981 | 277009.00 | 5072925.00 |  | 75.65  | 0.00 |
| 982 | 277209.00 | 5072925.00 |  | 74.72  | 0.00 |
| 983 | 269009.00 | 5073125.00 |  | 100.00 | 0.00 |
| 984 | 269209.00 | 5073125.00 |  | 97.27  | 0.00 |
| 985 | 269409.00 | 5073125.00 |  | 90.00  | 0.00 |
| 986 | 269609.00 | 5073125.00 |  | 90.00  | 0.00 |
| 987 | 269809.00 | 5073125.00 |  | 92.44  | 0.00 |
| 988 | 270009.00 | 5073125.00 |  | 89.31  | 0.00 |
| 989 | 270209.00 | 5073125.00 |  | 85.93  | 0.00 |
| 990 | 270409.00 | 5073125.00 |  | 84.01  | 0.00 |
| 991 | 270609.00 | 5073125.00 |  | 81.43  | 0.00 |
| 992 | 270809.00 | 5073125.00 |  | 80.27  | 0.00 |
| 993 | 271009.00 | 5073125.00 |  | 80.88  | 0.00 |
| 994 | 271209.00 | 5073125.00 |  | 80.44  | 0.00 |
| 995 | 271409.00 | 5073125.00 |  | 80.00  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 996   | 271609.00 | 5073125.00 |  | 80.17  | 0.00 |
| 997   | 271809.00 | 5073125.00 |  | 80.37  | 0.00 |
| 998   | 272009.00 | 5073125.00 |  | 80.46  | 0.00 |
| 999   | 272209.00 | 5073125.00 |  | 80.48  | 0.00 |
| 1,000 | 272409.00 | 5073125.00 |  | 80.50  | 0.00 |
| 1,001 | 272609.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,002 | 272809.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,003 | 273009.00 | 5073125.00 |  | 80.44  | 0.00 |
| 1,004 | 273209.00 | 5073125.00 |  | 80.27  | 0.00 |
| 1,005 | 273409.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,006 | 273609.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,007 | 273809.00 | 5073125.00 |  | 78.91  | 0.00 |
| 1,008 | 274009.00 | 5073125.00 |  | 72.66  | 0.00 |
| 1,009 | 274209.00 | 5073125.00 |  | 70.68  | 0.00 |
| 1,010 | 274409.00 | 5073125.00 |  | 71.03  | 0.00 |
| 1,011 | 274609.00 | 5073125.00 |  | 72.97  | 0.00 |
| 1,012 | 274809.00 | 5073125.00 |  | 74.92  | 0.00 |
| 1,013 | 275009.00 | 5073125.00 |  | 76.08  | 0.00 |
| 1,014 | 275209.00 | 5073125.00 |  | 76.12  | 0.00 |
| 1,015 | 275409.00 | 5073125.00 |  | 76.03  | 0.00 |
| 1,016 | 275609.00 | 5073125.00 |  | 75.47  | 0.00 |
| 1,017 | 275809.00 | 5073125.00 |  | 75.06  | 0.00 |
| 1,018 | 276009.00 | 5073125.00 |  | 75.60  | 0.00 |
| 1,019 | 276209.00 | 5073125.00 |  | 75.52  | 0.00 |
| 1,020 | 276409.00 | 5073125.00 |  | 75.43  | 0.00 |
| 1,021 | 276609.00 | 5073125.00 |  | 75.35  | 0.00 |
| 1,022 | 276809.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,023 | 277009.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,024 | 277209.00 | 5073125.00 |  | 75.30  | 0.00 |
| 1,025 | 269009.00 | 5073325.00 |  | 100.00 | 0.00 |
| 1,026 | 269209.00 | 5073325.00 |  | 97.47  | 0.00 |
| 1,027 | 269409.00 | 5073325.00 |  | 92.94  | 0.00 |
| 1,028 | 269609.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,029 | 269809.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,030 | 270009.00 | 5073325.00 |  | 88.17  | 0.00 |
| 1,031 | 270209.00 | 5073325.00 |  | 84.04  | 0.00 |
| 1,032 | 270409.00 | 5073325.00 |  | 81.71  | 0.00 |
| 1,033 | 270609.00 | 5073325.00 |  | 80.34  | 0.00 |
| 1,034 | 270809.00 | 5073325.00 |  | 80.43  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 1,035 | 271009.00 | 5073325.00 |  | 80.67  | 0.00 |
| 1,036 | 271209.00 | 5073325.00 |  | 80.26  | 0.00 |
| 1,037 | 271409.00 | 5073325.00 |  | 80.02  | 0.00 |
| 1,038 | 271609.00 | 5073325.00 |  | 80.36  | 0.00 |
| 1,039 | 271809.00 | 5073325.00 |  | 80.64  | 0.00 |
| 1,040 | 272009.00 | 5073325.00 |  | 80.72  | 0.00 |
| 1,041 | 272209.00 | 5073325.00 |  | 80.74  | 0.00 |
| 1,042 | 272409.00 | 5073325.00 |  | 80.76  | 0.00 |
| 1,043 | 272609.00 | 5073325.00 |  | 80.78  | 0.00 |
| 1,044 | 272809.00 | 5073325.00 |  | 80.79  | 0.00 |
| 1,045 | 273009.00 | 5073325.00 |  | 80.56  | 0.00 |
| 1,046 | 273209.00 | 5073325.00 |  | 80.19  | 0.00 |
| 1,047 | 273409.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,048 | 273609.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,049 | 273809.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,050 | 274009.00 | 5073325.00 |  | 77.00  | 0.00 |
| 1,051 | 274209.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,052 | 274409.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,053 | 274609.00 | 5073325.00 |  | 71.15  | 0.00 |
| 1,054 | 274809.00 | 5073325.00 |  | 73.06  | 0.00 |
| 1,055 | 275009.00 | 5073325.00 |  | 74.97  | 0.00 |
| 1,056 | 275209.00 | 5073325.00 |  | 75.63  | 0.00 |
| 1,057 | 275409.00 | 5073325.00 |  | 74.77  | 0.00 |
| 1,058 | 275609.00 | 5073325.00 |  | 73.90  | 0.00 |
| 1,059 | 275809.00 | 5073325.00 |  | 73.99  | 0.00 |
| 1,060 | 276009.00 | 5073325.00 |  | 74.62  | 0.00 |
| 1,061 | 276209.00 | 5073325.00 |  | 75.16  | 0.00 |
| 1,062 | 276409.00 | 5073325.00 |  | 75.08  | 0.00 |
| 1,063 | 276609.00 | 5073325.00 |  | 74.99  | 0.00 |
| 1,064 | 276809.00 | 5073325.00 |  | 74.93  | 0.00 |
| 1,065 | 277009.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,066 | 277209.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,067 | 269009.00 | 5073525.00 |  | 97.76  | 0.00 |
| 1,068 | 269209.00 | 5073525.00 |  | 91.01  | 0.00 |
| 1,069 | 269409.00 | 5073525.00 |  | 90.00  | 0.00 |
| 1,070 | 269609.00 | 5073525.00 |  | 95.02  | 0.00 |
| 1,071 | 269809.00 | 5073525.00 |  | 100.00 | 0.00 |
| 1,072 | 270009.00 | 5073525.00 |  | 87.41  | 0.00 |
| 1,073 | 270209.00 | 5073525.00 |  | 81.58  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |    |       |      |
|-------|-----------|------------|----|-------|------|
| 1,074 | 270409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,075 | 270609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,076 | 270809.00 | 5073525.00 |    | 80.12 | 0.00 |
| 1,077 | 271009.00 | 5073525.00 |    | 80.23 | 0.00 |
| 1,078 | 271209.00 | 5073525.00 |    | 80.02 | 0.00 |
| 1,079 | 271409.00 | 5073525.00 |    | 80.19 | 0.00 |
| 1,080 | 271609.00 | 5073525.00 |    | 80.53 | 0.00 |
| 1,081 | 271809.00 | 5073525.00 |    | 80.87 | 0.00 |
| 1,082 | 272009.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,083 | 272209.00 | 5073525.00 |    | 81.00 | 0.00 |
| 1,084 | 272409.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,085 | 272609.00 | 5073525.00 |    | 80.96 | 0.00 |
| 1,086 | 272809.00 | 5073525.00 |    | 80.85 | 0.00 |
| 1,087 | 273009.00 | 5073525.00 |    | 80.48 | 0.00 |
| 1,088 | 273209.00 | 5073525.00 |    | 80.10 | 0.00 |
| 1,089 | 273409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,090 | 273609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,091 | 273809.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,092 | 274009.00 | 5073525.00 |    | 76.93 | 0.00 |
| 1,093 | 274209.00 | 5073525.00 |    | 72.09 | 0.00 |
| 1,094 | 274409.00 | 5073525.00 |    | 70.00 | 0.00 |
| 1,095 | 274609.00 | 5073525.00 |    | 70.93 | 0.00 |
| 1,096 | 274809.00 | 5073525.00 |    | 72.57 | 0.00 |
| 1,097 | 275009.00 | 5073525.00 |    | 73.76 | 0.00 |
| 1,098 | 275209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,099 | 275409.00 | 5073525.00 |    | 73.21 | 0.00 |
| 1,100 | 275609.00 | 5073525.00 |    | 72.34 | 0.00 |
| 1,101 | 275809.00 | 5073525.00 |    | 72.93 | 0.00 |
| 1,102 | 276009.00 | 5073525.00 |    | 73.60 | 0.00 |
| 1,103 | 276209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,104 | 276409.00 | 5073525.00 |    | 74.70 | 0.00 |
| 1,105 | 276609.00 | 5073525.00 |    | 74.64 | 0.00 |
| 1,106 | 276809.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,107 | 277009.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,108 | 277209.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,109 | 272038.44 | 5070145.56 | R1 | 75.29 |      |
| 1,110 | 271516.63 | 5070936.35 | R2 | 83.25 |      |
| 1,111 | 272600.69 | 5071904.86 | R3 | 79.03 |      |
| 1,112 | 273650.41 | 5072169.67 | R4 | 78.22 |      |

# Receptor Pathway

ISC-PRIME

## Discrete Polar Receptors

Option not in use

## Plant Boundary Receptors

### Cartesian Plant Boundary

#### Primary

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 271840.32                     | 5070490.76                    | FENCEPRI                 | 0.00                             |                                    |
| 2             | 271757.78                     | 5070573.62                    | FENCEPRI                 | 0.00                             |                                    |
| 3             | 271897.82                     | 5070704.56                    | FENCEPRI                 | 0.00                             |                                    |
| 4             | 272853.22                     | 5071592.46                    | FENCEPRI                 | 0.00                             |                                    |
| 5             | 272964.22                     | 5071633.96                    | FENCEPRI                 | 0.00                             |                                    |
| 6             | 272922.52                     | 5071678.06                    | FENCEPRI                 | 0.00                             |                                    |
| 7             | 272999.02                     | 5071729.16                    | FENCEPRI                 | 0.00                             |                                    |
| 8             | 273109.92                     | 5071864.36                    | FENCEPRI                 | 0.00                             |                                    |
| 9             | 273241.52                     | 5072111.36                    | FENCEPRI                 | 0.00                             |                                    |
| 10            | 273398.72                     | 5072248.06                    | FENCEPRI                 | 0.00                             |                                    |
| 11            | 273533.12                     | 5072148.96                    | FENCEPRI                 | 0.00                             |                                    |
| 12            | 273319.72                     | 5072028.56                    | FENCEPRI                 | 0.00                             |                                    |
| 13            | 274163.12                     | 5071136.76                    | FENCEPRI                 | 0.00                             |                                    |
| 14            | 272645.32                     | 5069708.46                    | FENCEPRI                 | 0.00                             |                                    |

#### Intermediate

Option not in use

## Polar Plant Boundary

Option not in use

## Receptor Groups

| Record Number | Group ID | Group Description                          |
|---------------|----------|--|
| 1             | FENCEPRI | Cartesian plant boundary Primary Receptors |
| 2             | R1       |  |
| 3             | R2       |  |
| 4             | R3       |  |
| 5             | R4       |  |

# Receptor Pathway

ISC-PRIME

## Terrain Elevations and Flagpole Heights for Network Grids

### Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

# Meteorology Pathway

ISC-PRIME

## Met Input Data

|  |  |
|--|--|
| <b>Meteorological Input Data File and Format</b><br>Filename: C:\Marc\projets\ste-sophie\meteo_mirabel\mira1998.txt<br>Format Type: Default ASCII Format |  |
| <b>Anemometer Height</b><br>Height = 10,00 [m]   | <b>Optional Wind Direction</b><br>Rotation [deg]:  |
| <b>Surface Meteorological Station</b><br>Station No.: 25000      Location [m] (Optional):<br>Year: 1998      X Coord.:<br>Y Coord.:<br>Station Name:     | <b>Upper Air Meteorological Station</b><br>Station No.: 23118      Location [m] (Optional):<br>Year: 1998      X Coord.:<br>Y Coord.:<br>Station Name: |

## Data Period

|  |
|--|
| <b>Read All Met. File?</b><br><input type="checkbox"/> Yes <input type="checkbox"/> No |
|--|

# Meteorology Pathway

ISC-PRIME

## Days or Range of Days to Process

| <u>Start Date</u> | <u>End Date</u> | <u>Start Date</u> | <u>End Date</u> |
|-------------------|-----------------|-------------------|-----------------|
| janvier 1         | mars 23         | avril 26          | décembre 31     |
| mars 25           | avril 24        |                   |                 |

## Wind Speed Categories





















| Stability Category | Wind Speed [m/s] | Stability Category | Wind Speed [m/s] |
|--------------------|------------------|--------------------|------------------|
| A                  | 1.54             | D                  | 8.23             |
| B                  | 3.09             | E                  | 10.8             |
| C                  | 5.14             | F                  | No Upper Bound   |



# Output Pathway

ISC-PRIME

## Tabular Printed Outputs

| Short Term Averaging Period | RECTABLE<br>Highest Values Table  |   |   |   |   |   |   |   |   |   | MAXTABLE<br>Maximum Values Table | DAYTABLE<br>Daily Values Table |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|----------------------------------|--------------------------------|
|                             | 1st   | 2nd   | 3rd   | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  |                                  |                                |
| ALL                         |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |
| 1                           |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |

# Output Pathway

ISC-PRIME

## Contour Plot Files (PLOTFILE)

Path for PLOTFILES: SRT\_1998.PR

| Averaging Period | Source Group ID | High Value | File Name    |
|------------------|-----------------|------------|--------------|
| 1                | ALL             | 1st        | 01H1GALL.PLT |
| Period           | ALL             | N/A        | PE00GALL.PLT |



# Control Pathway

ISC-PRIME

## Dispersion Options

|  |  |
|--|--|
| <b>Titles</b><br>DISPERSION ATMOSPHÉRIQUE DES SRT (STE-SOPHIE - ANNÉE MÉTÉO 1999)  |  |
| <b>Dispersion Options</b><br><input checked="" type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options | <b>Dispersion Coefficient</b><br>Rural   |
|  | <b>Output Type</b><br><input checked="" type="checkbox"/> Concentration<br><input type="checkbox"/> Total Deposition (Dry & Wet)<br><input type="checkbox"/> Dry Deposition<br><input type="checkbox"/> Wet Deposition |
|  | <b>Plume Depletion</b><br><input type="checkbox"/> Dry Removal<br><input type="checkbox"/> Wet Removal   |
|  |  |

## Pollutant / Averaging Time / Terrain Options

|  |   |
|--|---|
| <b>Pollutant Type</b><br>OTHER - SRT   | <b>Exponential Decay</b><br>Option not available  |
| <b>Averaging Time Options</b><br>Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24<br><input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual | <b>Terrain Height Options</b><br><input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated      SO: Meters<br>RE: Meters<br>TG: Meters |
| <b>Flagpole Receptors</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Default Height = 1,50 m  | <b>Terrain Calculation Algorithms</b><br>Simple + Complex Terrain   |

# Source Pathway - Source Inputs

ISC-PRIME

## Point Sources

| Source Type | Source ID | X Coordinate [m]                               | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|-------------|-----------|--|------------------|---------------------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| POINT       | T2600     | 273499.00<br>torchère 2600 scfm                | 5070560.00       | 74,60                     | 12,19              | 0,00200             | 1 144,00           | 8,65                    | 3,05                      |
|             | TOR_NO1   | 272780.00<br>torchère 3300 scfm proposée (No1) | 5071400.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | TOR_NO2   | 272787.00<br>torchère 3300 scfm proposée (No2) | 5071389.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | T5500     | 272783.00<br>Torchère T5500 scfm existante     | 5071396.00       | 74,30                     | 18,29              | 0,00450             | 1 144,00           | 11,85                   | 3,96                      |

## Volume Sources

No Volume Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Area Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/(s-m <sup>2</sup> )] | Length of X Side [m] | Length of Y Side [m] | Orientation Angle from North [deg] | Initial Vertical Dim. [m] |
|-------------|-----------|------------------|------------------|---------------------------|--------------------|---------------------------------------|----------------------|----------------------|------------------------------------|---------------------------|
| AREA        | ZONE3A_1  | 273877.00        | 5070912.00       | 75.60                     | 0,00               | 1.33E-008                             | 341,00               | 952,00               | -41,79                             |                           |
|             | ZONE3A_2  | 273356.70        | 5071237.83       | 76,00                     | 0,00               | 1.33E-008                             | 159,00               | 267,00               | -43,00                             |                           |
|             | ZONE2A    | 273501.00        | 5070555.00       | 74,50                     | 0,00               | 9.60E-009                             | 490,00               | 598,00               | -43,00                             |                           |
|             | ZONE1A    | 273105.40        | 5071003.30       | 74,50                     | 0,00               | 9.57E-009                             | 309,00               | 471,00               | -43,00                             |                           |
|             | ZONE4     | 272796.70        | 5070601.06       | 74,50                     | 0,00               | 1.33E-008                             | 479,00               | 648,00               | -44,00                             |                           |
|             | ZONE5_A   | 273126.08        | 5070249.41       | 75,50                     | 0,00               | 5.06E-008                             | 479,00               | 486,57               | -44,00                             |                           |
|             | ZONE5_B   | 272645.00        | 5069788.00       | 75,50                     | 0,00               | 5.06E-008                             | 666,46               | 485,58               | -44,00                             |                           |
|             | ZONE5_C   | 272297.27        | 5070128.98       | 76,00                     | 0,00               | 5.06E-008                             | 768,00               | 648,99               | -43,60                             |                           |

## Open Pit Sources

No Open Pit Sources Specified

## Circular Area Sources

No Circular Area Sources Specified

## Polygon Area Sources

No Polygon Area Sources Specified

## Flare Sources

No Flare Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Line Sources

No Line Sources Specified

# Source Pathway

ISC-PRIME

## Building Downwash Information

Option not in use

## Emission Rate Units for Output

### For Concentration

|                           |                 |
|---------------------------|-----------------|
| Unit Factor:              | 1E6             |
| Emission Unit Label:      | GRAMS/SEC       |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Data for Particulates

Option not in use

## Variable Emission Rate

### Seasonally Emission Rate Variation

Option not in use

### Monthly Emission Rate Variation

Option not in use

### Hourly Emission Rate Variation

Option not in use

### Wind Speed / Stability Category Emission Rate Variation

Option not in use

### Season / Hour-of-Day Emission Rate Variation

Option not in use



# Receptor Pathway

ISC-PRIME

## Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)  
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

### Uniform Cartesian Grid

Option not in use

### Non-Uniform Cartesian Grid

Option not in use

### Uniform Polar Grid

Option not in use

### Non-Uniform Polar Grid

Option not in use

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 269009.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 2             | 269209.00                     | 5068125.00                    |                          | 73.17                            | 0.00                               |
| 3             | 269409.00                     | 5068125.00                    |                          | 73.40                            | 0.00                               |
| 4             | 269609.00                     | 5068125.00                    |                          | 73.64                            | 0.00                               |
| 5             | 269809.00                     | 5068125.00                    |                          | 73.87                            | 0.00                               |
| 6             | 270009.00                     | 5068125.00                    |                          | 73.47                            | 0.00                               |
| 7             | 270209.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 8             | 270409.00                     | 5068125.00                    |                          | 72.02                            | 0.00                               |
| 9             | 270609.00                     | 5068125.00                    |                          | 71.33                            | 0.00                               |
| 10            | 270809.00                     | 5068125.00                    |                          | 70.52                            | 0.00                               |
| 11            | 271009.00                     | 5068125.00                    |                          | 70.29                            | 0.00                               |
| 12            | 271209.00                     | 5068125.00                    |                          | 70.36                            | 0.00                               |
| 13            | 271409.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 14            | 271609.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 15            | 271809.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 16            | 272009.00                     | 5068125.00                    |                          | 70.02                            | 0.00                               |
| 17            | 272209.00                     | 5068125.00                    |                          | 70.64                            | 0.00                               |
| 18            | 272409.00                     | 5068125.00                    |                          | 70.70                            | 0.00                               |
| 19            | 272609.00                     | 5068125.00                    |                          | 70.67                            | 0.00                               |
| 20            | 272809.00                     | 5068125.00                    |                          | 70.56                            | 0.00                               |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 21 | 273009.00 | 5068125.00 |  | 70.00 | 0.00 |
| 22 | 273209.00 | 5068125.00 |  | 69.91 | 0.00 |
| 23 | 273409.00 | 5068125.00 |  | 68.86 | 0.00 |
| 24 | 273609.00 | 5068125.00 |  | 67.81 | 0.00 |
| 25 | 273809.00 | 5068125.00 |  | 66.76 | 0.00 |
| 26 | 274009.00 | 5068125.00 |  | 65.71 | 0.00 |
| 27 | 274209.00 | 5068125.00 |  | 64.66 | 0.00 |
| 28 | 274409.00 | 5068125.00 |  | 63.62 | 0.00 |
| 29 | 274609.00 | 5068125.00 |  | 62.56 | 0.00 |
| 30 | 274809.00 | 5068125.00 |  | 61.83 | 0.00 |
| 31 | 275009.00 | 5068125.00 |  | 61.37 | 0.00 |
| 32 | 275209.00 | 5068125.00 |  | 61.28 | 0.00 |
| 33 | 275409.00 | 5068125.00 |  | 60.66 | 0.00 |
| 34 | 275609.00 | 5068125.00 |  | 60.10 | 0.00 |
| 35 | 275809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 36 | 276009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 37 | 276209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 38 | 276409.00 | 5068125.00 |  | 60.00 | 0.00 |
| 39 | 276609.00 | 5068125.00 |  | 60.00 | 0.00 |
| 40 | 276809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 41 | 277009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 42 | 277209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 43 | 269009.00 | 5068325.00 |  | 77.80 | 0.00 |
| 44 | 269209.00 | 5068325.00 |  | 76.80 | 0.00 |
| 45 | 269409.00 | 5068325.00 |  | 77.08 | 0.00 |
| 46 | 269609.00 | 5068325.00 |  | 77.31 | 0.00 |
| 47 | 269809.00 | 5068325.00 |  | 76.44 | 0.00 |
| 48 | 270009.00 | 5068325.00 |  | 76.07 | 0.00 |
| 49 | 270209.00 | 5068325.00 |  | 75.48 | 0.00 |
| 50 | 270409.00 | 5068325.00 |  | 74.63 | 0.00 |
| 51 | 270609.00 | 5068325.00 |  | 73.68 | 0.00 |
| 52 | 270809.00 | 5068325.00 |  | 72.73 | 0.00 |
| 53 | 271009.00 | 5068325.00 |  | 72.34 | 0.00 |
| 54 | 271209.00 | 5068325.00 |  | 72.46 | 0.00 |
| 55 | 271409.00 | 5068325.00 |  | 72.30 | 0.00 |
| 56 | 271609.00 | 5068325.00 |  | 71.59 | 0.00 |
| 57 | 271809.00 | 5068325.00 |  | 72.27 | 0.00 |
| 58 | 272009.00 | 5068325.00 |  | 72.77 | 0.00 |
| 59 | 272209.00 | 5068325.00 |  | 72.22 | 0.00 |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 60 | 272409.00 | 5068325.00 |  | 71.58 | 0.00 |
| 61 | 272609.00 | 5068325.00 |  | 71.50 | 0.00 |
| 62 | 272809.00 | 5068325.00 |  | 71.39 | 0.00 |
| 63 | 273009.00 | 5068325.00 |  | 71.11 | 0.00 |
| 64 | 273209.00 | 5068325.00 |  | 70.00 | 0.00 |
| 65 | 273409.00 | 5068325.00 |  | 70.00 | 0.00 |
| 66 | 273609.00 | 5068325.00 |  | 68.97 | 0.00 |
| 67 | 273809.00 | 5068325.00 |  | 67.92 | 0.00 |
| 68 | 274009.00 | 5068325.00 |  | 66.87 | 0.00 |
| 69 | 274209.00 | 5068325.00 |  | 65.85 | 0.00 |
| 70 | 274409.00 | 5068325.00 |  | 64.79 | 0.00 |
| 71 | 274609.00 | 5068325.00 |  | 63.99 | 0.00 |
| 72 | 274809.00 | 5068325.00 |  | 63.33 | 0.00 |
| 73 | 275009.00 | 5068325.00 |  | 62.66 | 0.00 |
| 74 | 275209.00 | 5068325.00 |  | 62.24 | 0.00 |
| 75 | 275409.00 | 5068325.00 |  | 61.62 | 0.00 |
| 76 | 275609.00 | 5068325.00 |  | 61.02 | 0.00 |
| 77 | 275809.00 | 5068325.00 |  | 60.46 | 0.00 |
| 78 | 276009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 79 | 276209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 80 | 276409.00 | 5068325.00 |  | 60.00 | 0.00 |
| 81 | 276609.00 | 5068325.00 |  | 60.00 | 0.00 |
| 82 | 276809.00 | 5068325.00 |  | 60.00 | 0.00 |
| 83 | 277009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 84 | 277209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 85 | 269009.00 | 5068525.00 |  | 80.00 | 0.00 |
| 86 | 269209.00 | 5068525.00 |  | 80.00 | 0.00 |
| 87 | 269409.00 | 5068525.00 |  | 80.00 | 0.00 |
| 88 | 269609.00 | 5068525.00 |  | 79.41 | 0.00 |
| 89 | 269809.00 | 5068525.00 |  | 78.84 | 0.00 |
| 90 | 270009.00 | 5068525.00 |  | 78.06 | 0.00 |
| 91 | 270209.00 | 5068525.00 |  | 77.50 | 0.00 |
| 92 | 270409.00 | 5068525.00 |  | 76.91 | 0.00 |
| 93 | 270609.00 | 5068525.00 |  | 75.96 | 0.00 |
| 94 | 270809.00 | 5068525.00 |  | 75.01 | 0.00 |
| 95 | 271009.00 | 5068525.00 |  | 74.08 | 0.00 |
| 96 | 271209.00 | 5068525.00 |  | 74.57 | 0.00 |
| 97 | 271409.00 | 5068525.00 |  | 74.69 | 0.00 |
| 98 | 271609.00 | 5068525.00 |  | 74.89 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 99  | 271809.00 | 5068525.00 |  | 75.39 | 0.00 |
| 100 | 272009.00 | 5068525.00 |  | 74.53 | 0.00 |
| 101 | 272209.00 | 5068525.00 |  | 73.57 | 0.00 |
| 102 | 272409.00 | 5068525.00 |  | 72.61 | 0.00 |
| 103 | 272609.00 | 5068525.00 |  | 71.03 | 0.00 |
| 104 | 272809.00 | 5068525.00 |  | 70.71 | 0.00 |
| 105 | 273009.00 | 5068525.00 |  | 71.15 | 0.00 |
| 106 | 273209.00 | 5068525.00 |  | 70.75 | 0.00 |
| 107 | 273409.00 | 5068525.00 |  | 70.03 | 0.00 |
| 108 | 273609.00 | 5068525.00 |  | 70.00 | 0.00 |
| 109 | 273809.00 | 5068525.00 |  | 69.13 | 0.00 |
| 110 | 274009.00 | 5068525.00 |  | 68.05 | 0.00 |
| 111 | 274209.00 | 5068525.00 |  | 67.02 | 0.00 |
| 112 | 274409.00 | 5068525.00 |  | 66.15 | 0.00 |
| 113 | 274609.00 | 5068525.00 |  | 65.48 | 0.00 |
| 114 | 274809.00 | 5068525.00 |  | 64.82 | 0.00 |
| 115 | 275009.00 | 5068525.00 |  | 63.97 | 0.00 |
| 116 | 275209.00 | 5068525.00 |  | 63.23 | 0.00 |
| 117 | 275409.00 | 5068525.00 |  | 62.59 | 0.00 |
| 118 | 275609.00 | 5068525.00 |  | 61.96 | 0.00 |
| 119 | 275809.00 | 5068525.00 |  | 61.38 | 0.00 |
| 120 | 276009.00 | 5068525.00 |  | 60.82 | 0.00 |
| 121 | 276209.00 | 5068525.00 |  | 60.25 | 0.00 |
| 122 | 276409.00 | 5068525.00 |  | 60.00 | 0.00 |
| 123 | 276609.00 | 5068525.00 |  | 60.00 | 0.00 |
| 124 | 276809.00 | 5068525.00 |  | 60.00 | 0.00 |
| 125 | 277009.00 | 5068525.00 |  | 60.64 | 0.00 |
| 126 | 277209.00 | 5068525.00 |  | 60.00 | 0.00 |
| 127 | 269009.00 | 5068725.00 |  | 79.74 | 0.00 |
| 128 | 269209.00 | 5068725.00 |  | 80.00 | 0.00 |
| 129 | 269409.00 | 5068725.00 |  | 80.00 | 0.00 |
| 130 | 269609.00 | 5068725.00 |  | 80.00 | 0.00 |
| 131 | 269809.00 | 5068725.00 |  | 79.97 | 0.00 |
| 132 | 270009.00 | 5068725.00 |  | 79.21 | 0.00 |
| 133 | 270209.00 | 5068725.00 |  | 78.72 | 0.00 |
| 134 | 270409.00 | 5068725.00 |  | 78.29 | 0.00 |
| 135 | 270609.00 | 5068725.00 |  | 77.87 | 0.00 |
| 136 | 270809.00 | 5068725.00 |  | 77.30 | 0.00 |
| 137 | 271009.00 | 5068725.00 |  | 76.35 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 138 | 271209.00 | 5068725.00 |  | 76.08 | 0.00 |
| 139 | 271409.00 | 5068725.00 |  | 76.65 | 0.00 |
| 140 | 271609.00 | 5068725.00 |  | 76.66 | 0.00 |
| 141 | 271809.00 | 5068725.00 |  | 76.18 | 0.00 |
| 142 | 272009.00 | 5068725.00 |  | 75.22 | 0.00 |
| 143 | 272209.00 | 5068725.00 |  | 74.26 | 0.00 |
| 144 | 272409.00 | 5068725.00 |  | 73.25 | 0.00 |
| 145 | 272609.00 | 5068725.00 |  | 71.76 | 0.00 |
| 146 | 272809.00 | 5068725.00 |  | 69.90 | 0.00 |
| 147 | 273009.00 | 5068725.00 |  | 68.05 | 0.00 |
| 148 | 273209.00 | 5068725.00 |  | 67.56 | 0.00 |
| 149 | 273409.00 | 5068725.00 |  | 68.77 | 0.00 |
| 150 | 273609.00 | 5068725.00 |  | 70.10 | 0.00 |
| 151 | 273809.00 | 5068725.00 |  | 70.00 | 0.00 |
| 152 | 274009.00 | 5068725.00 |  | 69.25 | 0.00 |
| 153 | 274209.00 | 5068725.00 |  | 68.31 | 0.00 |
| 154 | 274409.00 | 5068725.00 |  | 67.64 | 0.00 |
| 155 | 274609.00 | 5068725.00 |  | 66.74 | 0.00 |
| 156 | 274809.00 | 5068725.00 |  | 65.86 | 0.00 |
| 157 | 275009.00 | 5068725.00 |  | 65.02 | 0.00 |
| 158 | 275209.00 | 5068725.00 |  | 64.30 | 0.00 |
| 159 | 275409.00 | 5068725.00 |  | 63.61 | 0.00 |
| 160 | 275609.00 | 5068725.00 |  | 62.93 | 0.00 |
| 161 | 275809.00 | 5068725.00 |  | 62.31 | 0.00 |
| 162 | 276009.00 | 5068725.00 |  | 61.74 | 0.00 |
| 163 | 276209.00 | 5068725.00 |  | 61.18 | 0.00 |
| 164 | 276409.00 | 5068725.00 |  | 60.62 | 0.00 |
| 165 | 276609.00 | 5068725.00 |  | 60.05 | 0.00 |
| 166 | 276809.00 | 5068725.00 |  | 60.00 | 0.00 |
| 167 | 277009.00 | 5068725.00 |  | 60.00 | 0.00 |
| 168 | 277209.00 | 5068725.00 |  | 60.00 | 0.00 |
| 169 | 269009.00 | 5068925.00 |  | 79.12 | 0.00 |
| 170 | 269209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 171 | 269409.00 | 5068925.00 |  | 80.00 | 0.00 |
| 172 | 269609.00 | 5068925.00 |  | 80.00 | 0.00 |
| 173 | 269809.00 | 5068925.00 |  | 80.17 | 0.00 |
| 174 | 270009.00 | 5068925.00 |  | 79.99 | 0.00 |
| 175 | 270209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 176 | 270409.00 | 5068925.00 |  | 79.33 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 177 | 270609.00 | 5068925.00 |  | 79.01 | 0.00 |
| 178 | 270809.00 | 5068925.00 |  | 78.66 | 0.00 |
| 179 | 271009.00 | 5068925.00 |  | 78.24 | 0.00 |
| 180 | 271209.00 | 5068925.00 |  | 77.68 | 0.00 |
| 181 | 271409.00 | 5068925.00 |  | 77.56 | 0.00 |
| 182 | 271609.00 | 5068925.00 |  | 77.18 | 0.00 |
| 183 | 271809.00 | 5068925.00 |  | 76.79 | 0.00 |
| 184 | 272009.00 | 5068925.00 |  | 75.91 | 0.00 |
| 185 | 272209.00 | 5068925.00 |  | 74.95 | 0.00 |
| 186 | 272409.00 | 5068925.00 |  | 73.87 | 0.00 |
| 187 | 272609.00 | 5068925.00 |  | 72.49 | 0.00 |
| 188 | 272809.00 | 5068925.00 |  | 70.64 | 0.00 |
| 189 | 273009.00 | 5068925.00 |  | 68.78 | 0.00 |
| 190 | 273209.00 | 5068925.00 |  | 69.29 | 0.00 |
| 191 | 273409.00 | 5068925.00 |  | 70.66 | 0.00 |
| 192 | 273609.00 | 5068925.00 |  | 71.32 | 0.00 |
| 193 | 273809.00 | 5068925.00 |  | 70.94 | 0.00 |
| 194 | 274009.00 | 5068925.00 |  | 70.33 | 0.00 |
| 195 | 274209.00 | 5068925.00 |  | 69.51 | 0.00 |
| 196 | 274409.00 | 5068925.00 |  | 68.64 | 0.00 |
| 197 | 274609.00 | 5068925.00 |  | 67.75 | 0.00 |
| 198 | 274809.00 | 5068925.00 |  | 66.91 | 0.00 |
| 199 | 275009.00 | 5068925.00 |  | 66.06 | 0.00 |
| 200 | 275209.00 | 5068925.00 |  | 65.37 | 0.00 |
| 201 | 275409.00 | 5068925.00 |  | 64.68 | 0.00 |
| 202 | 275609.00 | 5068925.00 |  | 63.99 | 0.00 |
| 203 | 275809.00 | 5068925.00 |  | 63.30 | 0.00 |
| 204 | 276009.00 | 5068925.00 |  | 62.67 | 0.00 |
| 205 | 276209.00 | 5068925.00 |  | 62.06 | 0.00 |
| 206 | 276409.00 | 5068925.00 |  | 61.44 | 0.00 |
| 207 | 276609.00 | 5068925.00 |  | 60.81 | 0.00 |
| 208 | 276809.00 | 5068925.00 |  | 60.71 | 0.00 |
| 209 | 277009.00 | 5068925.00 |  | 60.58 | 0.00 |
| 210 | 277209.00 | 5068925.00 |  | 60.75 | 0.00 |
| 211 | 269009.00 | 5069125.00 |  | 78.59 | 0.00 |
| 212 | 269209.00 | 5069125.00 |  | 79.49 | 0.00 |
| 213 | 269409.00 | 5069125.00 |  | 80.00 | 0.00 |
| 214 | 269609.00 | 5069125.00 |  | 80.40 | 0.00 |
| 215 | 269809.00 | 5069125.00 |  | 80.81 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 216 | 270009.00 | 5069125.00 |  | 80.00 | 0.00 |
| 217 | 270209.00 | 5069125.00 |  | 79.79 | 0.00 |
| 218 | 270409.00 | 5069125.00 |  | 79.47 | 0.00 |
| 219 | 270609.00 | 5069125.00 |  | 79.14 | 0.00 |
| 220 | 270809.00 | 5069125.00 |  | 78.81 | 0.00 |
| 221 | 271009.00 | 5069125.00 |  | 78.48 | 0.00 |
| 222 | 271209.00 | 5069125.00 |  | 76.25 | 0.00 |
| 223 | 271409.00 | 5069125.00 |  | 77.62 | 0.00 |
| 224 | 271609.00 | 5069125.00 |  | 77.69 | 0.00 |
| 225 | 271809.00 | 5069125.00 |  | 77.31 | 0.00 |
| 226 | 272009.00 | 5069125.00 |  | 76.60 | 0.00 |
| 227 | 272209.00 | 5069125.00 |  | 75.62 | 0.00 |
| 228 | 272409.00 | 5069125.00 |  | 74.49 | 0.00 |
| 229 | 272609.00 | 5069125.00 |  | 73.23 | 0.00 |
| 230 | 272809.00 | 5069125.00 |  | 71.37 | 0.00 |
| 231 | 273009.00 | 5069125.00 |  | 70.22 | 0.00 |
| 232 | 273209.00 | 5069125.00 |  | 71.17 | 0.00 |
| 233 | 273409.00 | 5069125.00 |  | 72.54 | 0.00 |
| 234 | 273609.00 | 5069125.00 |  | 72.52 | 0.00 |
| 235 | 273809.00 | 5069125.00 |  | 71.94 | 0.00 |
| 236 | 274009.00 | 5069125.00 |  | 71.16 | 0.00 |
| 237 | 274209.00 | 5069125.00 |  | 70.42 | 0.00 |
| 238 | 274409.00 | 5069125.00 |  | 69.64 | 0.00 |
| 239 | 274609.00 | 5069125.00 |  | 68.77 | 0.00 |
| 240 | 274809.00 | 5069125.00 |  | 67.98 | 0.00 |
| 241 | 275009.00 | 5069125.00 |  | 67.13 | 0.00 |
| 242 | 275209.00 | 5069125.00 |  | 66.44 | 0.00 |
| 243 | 275409.00 | 5069125.00 |  | 65.75 | 0.00 |
| 244 | 275609.00 | 5069125.00 |  | 65.06 | 0.00 |
| 245 | 275809.00 | 5069125.00 |  | 64.31 | 0.00 |
| 246 | 276009.00 | 5069125.00 |  | 63.51 | 0.00 |
| 247 | 276209.00 | 5069125.00 |  | 62.81 | 0.00 |
| 248 | 276409.00 | 5069125.00 |  | 62.18 | 0.00 |
| 249 | 276609.00 | 5069125.00 |  | 61.56 | 0.00 |
| 250 | 276809.00 | 5069125.00 |  | 61.45 | 0.00 |
| 251 | 277009.00 | 5069125.00 |  | 61.54 | 0.00 |
| 252 | 277209.00 | 5069125.00 |  | 61.81 | 0.00 |
| 253 | 269009.00 | 5069325.00 |  | 78.72 | 0.00 |
| 254 | 269209.00 | 5069325.00 |  | 79.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 255 | 269409.00 | 5069325.00 |  | 80.00 | 0.00 |
| 256 | 269609.00 | 5069325.00 |  | 80.20 | 0.00 |
| 257 | 269809.00 | 5069325.00 |  | 80.09 | 0.00 |
| 258 | 270009.00 | 5069325.00 |  | 80.00 | 0.00 |
| 259 | 270209.00 | 5069325.00 |  | 79.93 | 0.00 |
| 260 | 270409.00 | 5069325.00 |  | 79.60 | 0.00 |
| 261 | 270609.00 | 5069325.00 |  | 79.27 | 0.00 |
| 262 | 270809.00 | 5069325.00 |  | 78.94 | 0.00 |
| 263 | 271009.00 | 5069325.00 |  | 78.21 | 0.00 |
| 264 | 271209.00 | 5069325.00 |  | 73.53 | 0.00 |
| 265 | 271409.00 | 5069325.00 |  | 75.29 | 0.00 |
| 266 | 271609.00 | 5069325.00 |  | 77.04 | 0.00 |
| 267 | 271809.00 | 5069325.00 |  | 77.82 | 0.00 |
| 268 | 272009.00 | 5069325.00 |  | 77.28 | 0.00 |
| 269 | 272209.00 | 5069325.00 |  | 76.24 | 0.00 |
| 270 | 272409.00 | 5069325.00 |  | 75.11 | 0.00 |
| 271 | 272609.00 | 5069325.00 |  | 73.96 | 0.00 |
| 272 | 272809.00 | 5069325.00 |  | 72.11 | 0.00 |
| 273 | 273009.00 | 5069325.00 |  | 72.18 | 0.00 |
| 274 | 273209.00 | 5069325.00 |  | 73.09 | 0.00 |
| 275 | 273409.00 | 5069325.00 |  | 74.10 | 0.00 |
| 276 | 273609.00 | 5069325.00 |  | 73.54 | 0.00 |
| 277 | 273809.00 | 5069325.00 |  | 72.79 | 0.00 |
| 278 | 274009.00 | 5069325.00 |  | 72.01 | 0.00 |
| 279 | 274209.00 | 5069325.00 |  | 71.16 | 0.00 |
| 280 | 274409.00 | 5069325.00 |  | 70.31 | 0.00 |
| 281 | 274609.00 | 5069325.00 |  | 69.87 | 0.00 |
| 282 | 274809.00 | 5069325.00 |  | 68.99 | 0.00 |
| 283 | 275009.00 | 5069325.00 |  | 68.20 | 0.00 |
| 284 | 275209.00 | 5069325.00 |  | 67.51 | 0.00 |
| 285 | 275409.00 | 5069325.00 |  | 66.79 | 0.00 |
| 286 | 275609.00 | 5069325.00 |  | 66.01 | 0.00 |
| 287 | 275809.00 | 5069325.00 |  | 65.25 | 0.00 |
| 288 | 276009.00 | 5069325.00 |  | 64.42 | 0.00 |
| 289 | 276209.00 | 5069325.00 |  | 63.59 | 0.00 |
| 290 | 276409.00 | 5069325.00 |  | 62.93 | 0.00 |
| 291 | 276609.00 | 5069325.00 |  | 62.32 | 0.00 |
| 292 | 276809.00 | 5069325.00 |  | 62.23 | 0.00 |
| 293 | 277009.00 | 5069325.00 |  | 62.50 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 294 | 277209.00 | 5069325.00 |  | 62.76 | 0.00 |
| 295 | 269009.00 | 5069525.00 |  | 79.03 | 0.00 |
| 296 | 269209.00 | 5069525.00 |  | 79.90 | 0.00 |
| 297 | 269409.00 | 5069525.00 |  | 79.93 | 0.00 |
| 298 | 269609.00 | 5069525.00 |  | 79.79 | 0.00 |
| 299 | 269809.00 | 5069525.00 |  | 80.00 | 0.00 |
| 300 | 270009.00 | 5069525.00 |  | 80.00 | 0.00 |
| 301 | 270209.00 | 5069525.00 |  | 80.00 | 0.00 |
| 302 | 270409.00 | 5069525.00 |  | 79.72 | 0.00 |
| 303 | 270609.00 | 5069525.00 |  | 79.42 | 0.00 |
| 304 | 270809.00 | 5069525.00 |  | 79.21 | 0.00 |
| 305 | 271009.00 | 5069525.00 |  | 75.03 | 0.00 |
| 306 | 271209.00 | 5069525.00 |  | 71.19 | 0.00 |
| 307 | 271409.00 | 5069525.00 |  | 72.95 | 0.00 |
| 308 | 271609.00 | 5069525.00 |  | 74.70 | 0.00 |
| 309 | 271809.00 | 5069525.00 |  | 76.46 | 0.00 |
| 310 | 272009.00 | 5069525.00 |  | 77.95 | 0.00 |
| 311 | 272209.00 | 5069525.00 |  | 76.86 | 0.00 |
| 312 | 272409.00 | 5069525.00 |  | 75.73 | 0.00 |
| 313 | 272609.00 | 5069525.00 |  | 74.60 | 0.00 |
| 314 | 272809.00 | 5069525.00 |  | 73.22 | 0.00 |
| 315 | 273009.00 | 5069525.00 |  | 74.13 | 0.00 |
| 316 | 273209.00 | 5069525.00 |  | 75.04 | 0.00 |
| 317 | 273409.00 | 5069525.00 |  | 75.16 | 0.00 |
| 318 | 273609.00 | 5069525.00 |  | 74.32 | 0.00 |
| 319 | 273809.00 | 5069525.00 |  | 73.43 | 0.00 |
| 320 | 274009.00 | 5069525.00 |  | 72.55 | 0.00 |
| 321 | 274209.00 | 5069525.00 |  | 71.81 | 0.00 |
| 322 | 274409.00 | 5069525.00 |  | 71.07 | 0.00 |
| 323 | 274609.00 | 5069525.00 |  | 70.33 | 0.00 |
| 324 | 274809.00 | 5069525.00 |  | 70.00 | 0.00 |
| 325 | 275009.00 | 5069525.00 |  | 69.25 | 0.00 |
| 326 | 275209.00 | 5069525.00 |  | 68.50 | 0.00 |
| 327 | 275409.00 | 5069525.00 |  | 67.71 | 0.00 |
| 328 | 275609.00 | 5069525.00 |  | 66.91 | 0.00 |
| 329 | 275809.00 | 5069525.00 |  | 66.15 | 0.00 |
| 330 | 276009.00 | 5069525.00 |  | 65.33 | 0.00 |
| 331 | 276209.00 | 5069525.00 |  | 64.50 | 0.00 |
| 332 | 276409.00 | 5069525.00 |  | 63.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 333 | 276609.00 | 5069525.00 |  | 63.09 | 0.00 |
| 334 | 276809.00 | 5069525.00 |  | 63.19 | 0.00 |
| 335 | 277009.00 | 5069525.00 |  | 63.45 | 0.00 |
| 336 | 277209.00 | 5069525.00 |  | 63.33 | 0.00 |
| 337 | 269009.00 | 5069725.00 |  | 79.37 | 0.00 |
| 338 | 269209.00 | 5069725.00 |  | 79.64 | 0.00 |
| 339 | 269409.00 | 5069725.00 |  | 79.33 | 0.00 |
| 340 | 269609.00 | 5069725.00 |  | 79.65 | 0.00 |
| 341 | 269809.00 | 5069725.00 |  | 80.00 | 0.00 |
| 342 | 270009.00 | 5069725.00 |  | 80.00 | 0.00 |
| 343 | 270209.00 | 5069725.00 |  | 80.00 | 0.00 |
| 344 | 270409.00 | 5069725.00 |  | 79.91 | 0.00 |
| 345 | 270609.00 | 5069725.00 |  | 79.70 | 0.00 |
| 346 | 270809.00 | 5069725.00 |  | 76.99 | 0.00 |
| 347 | 271009.00 | 5069725.00 |  | 71.85 | 0.00 |
| 348 | 271209.00 | 5069725.00 |  | 68.85 | 0.00 |
| 349 | 271409.00 | 5069725.00 |  | 70.61 | 0.00 |
| 350 | 271609.00 | 5069725.00 |  | 72.36 | 0.00 |
| 351 | 271809.00 | 5069725.00 |  | 74.24 | 0.00 |
| 352 | 272009.00 | 5069725.00 |  | 76.96 | 0.00 |
| 353 | 272209.00 | 5069725.00 |  | 76.30 | 0.00 |
| 354 | 272409.00 | 5069725.00 |  | 75.89 | 0.00 |
| 355 | 272609.00 | 5069725.00 |  | 75.22 | 0.00 |
| 356 | 272809.00 | 5069725.00 |  | 75.18 | 0.00 |
| 357 | 273009.00 | 5069725.00 |  | 75.73 | 0.00 |
| 358 | 273209.00 | 5069725.00 |  | 75.35 | 0.00 |
| 359 | 273409.00 | 5069725.00 |  | 76.29 | 0.00 |
| 360 | 273609.00 | 5069725.00 |  | 76.02 | 0.00 |
| 361 | 273809.00 | 5069725.00 |  | 75.28 | 0.00 |
| 362 | 274009.00 | 5069725.00 |  | 74.54 | 0.00 |
| 363 | 274209.00 | 5069725.00 |  | 73.80 | 0.00 |
| 364 | 274409.00 | 5069725.00 |  | 73.06 | 0.00 |
| 365 | 274609.00 | 5069725.00 |  | 72.38 | 0.00 |
| 366 | 274809.00 | 5069725.00 |  | 71.48 | 0.00 |
| 367 | 275009.00 | 5069725.00 |  | 70.27 | 0.00 |
| 368 | 275209.00 | 5069725.00 |  | 69.41 | 0.00 |
| 369 | 275409.00 | 5069725.00 |  | 68.59 | 0.00 |
| 370 | 275609.00 | 5069725.00 |  | 67.89 | 0.00 |
| 371 | 275809.00 | 5069725.00 |  | 67.06 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 372 | 276009.00 | 5069725.00 |  | 66.23 | 0.00 |
| 373 | 276209.00 | 5069725.00 |  | 65.41 | 0.00 |
| 374 | 276409.00 | 5069725.00 |  | 64.58 | 0.00 |
| 375 | 276609.00 | 5069725.00 |  | 63.88 | 0.00 |
| 376 | 276809.00 | 5069725.00 |  | 63.79 | 0.00 |
| 377 | 277009.00 | 5069725.00 |  | 63.63 | 0.00 |
| 378 | 277209.00 | 5069725.00 |  | 63.46 | 0.00 |
| 379 | 269009.00 | 5069925.00 |  | 79.34 | 0.00 |
| 380 | 269209.00 | 5069925.00 |  | 79.27 | 0.00 |
| 381 | 269409.00 | 5069925.00 |  | 78.90 | 0.00 |
| 382 | 269609.00 | 5069925.00 |  | 79.74 | 0.00 |
| 383 | 269809.00 | 5069925.00 |  | 80.00 | 0.00 |
| 384 | 270009.00 | 5069925.00 |  | 80.00 | 0.00 |
| 385 | 270209.00 | 5069925.00 |  | 80.00 | 0.00 |
| 386 | 270409.00 | 5069925.00 |  | 80.70 | 0.00 |
| 387 | 270609.00 | 5069925.00 |  | 78.95 | 0.00 |
| 388 | 270809.00 | 5069925.00 |  | 73.81 | 0.00 |
| 389 | 271009.00 | 5069925.00 |  | 68.67 | 0.00 |
| 390 | 271209.00 | 5069925.00 |  | 66.51 | 0.00 |
| 391 | 271409.00 | 5069925.00 |  | 68.27 | 0.00 |
| 392 | 271609.00 | 5069925.00 |  | 70.54 | 0.00 |
| 393 | 271809.00 | 5069925.00 |  | 73.26 | 0.00 |
| 394 | 272009.00 | 5069925.00 |  | 75.98 | 0.00 |
| 395 | 272209.00 | 5069925.00 |  | 75.29 | 0.00 |
| 396 | 272409.00 | 5069925.00 |  | 74.34 | 0.00 |
| 397 | 273009.00 | 5069925.00 |  | 74.94 | 0.00 |
| 398 | 273209.00 | 5069925.00 |  | 74.93 | 0.00 |
| 399 | 273409.00 | 5069925.00 |  | 75.61 | 0.00 |
| 400 | 273609.00 | 5069925.00 |  | 76.64 | 0.00 |
| 401 | 273809.00 | 5069925.00 |  | 77.27 | 0.00 |
| 402 | 274009.00 | 5069925.00 |  | 76.53 | 0.00 |
| 403 | 274209.00 | 5069925.00 |  | 75.79 | 0.00 |
| 404 | 274409.00 | 5069925.00 |  | 75.04 | 0.00 |
| 405 | 274609.00 | 5069925.00 |  | 74.30 | 0.00 |
| 406 | 274809.00 | 5069925.00 |  | 73.08 | 0.00 |
| 407 | 275009.00 | 5069925.00 |  | 71.78 | 0.00 |
| 408 | 275209.00 | 5069925.00 |  | 70.44 | 0.00 |
| 409 | 275409.00 | 5069925.00 |  | 69.56 | 0.00 |
| 410 | 275609.00 | 5069925.00 |  | 68.80 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 411 | 275809.00 | 5069925.00 |  | 67.97 | 0.00 |
| 412 | 276009.00 | 5069925.00 |  | 67.12 | 0.00 |
| 413 | 276209.00 | 5069925.00 |  | 66.30 | 0.00 |
| 414 | 276409.00 | 5069925.00 |  | 65.47 | 0.00 |
| 415 | 276609.00 | 5069925.00 |  | 64.53 | 0.00 |
| 416 | 276809.00 | 5069925.00 |  | 63.93 | 0.00 |
| 417 | 277009.00 | 5069925.00 |  | 63.76 | 0.00 |
| 418 | 277209.00 | 5069925.00 |  | 63.60 | 0.00 |
| 419 | 269009.00 | 5070125.00 |  | 79.05 | 0.00 |
| 420 | 269209.00 | 5070125.00 |  | 79.19 | 0.00 |
| 421 | 269409.00 | 5070125.00 |  | 78.60 | 0.00 |
| 422 | 269609.00 | 5070125.00 |  | 79.50 | 0.00 |
| 423 | 269809.00 | 5070125.00 |  | 80.00 | 0.00 |
| 424 | 270009.00 | 5070125.00 |  | 80.00 | 0.00 |
| 425 | 270209.00 | 5070125.00 |  | 82.08 | 0.00 |
| 426 | 270409.00 | 5070125.00 |  | 85.97 | 0.00 |
| 427 | 270609.00 | 5070125.00 |  | 81.05 | 0.00 |
| 428 | 270809.00 | 5070125.00 |  | 72.57 | 0.00 |
| 429 | 271009.00 | 5070125.00 |  | 65.49 | 0.00 |
| 430 | 271209.00 | 5070125.00 |  | 64.17 | 0.00 |
| 431 | 271409.00 | 5070125.00 |  | 66.84 | 0.00 |
| 432 | 271609.00 | 5070125.00 |  | 69.57 | 0.00 |
| 433 | 271809.00 | 5070125.00 |  | 72.29 | 0.00 |
| 434 | 272009.00 | 5070125.00 |  | 75.01 | 0.00 |
| 435 | 272209.00 | 5070125.00 |  | 74.77 | 0.00 |
| 436 | 273209.00 | 5070125.00 |  | 74.24 | 0.00 |
| 437 | 273409.00 | 5070125.00 |  | 74.94 | 0.00 |
| 438 | 273609.00 | 5070125.00 |  | 75.97 | 0.00 |
| 439 | 273809.00 | 5070125.00 |  | 76.99 | 0.00 |
| 440 | 274009.00 | 5070125.00 |  | 78.02 | 0.00 |
| 441 | 274209.00 | 5070125.00 |  | 77.77 | 0.00 |
| 442 | 274409.00 | 5070125.00 |  | 77.07 | 0.00 |
| 443 | 274609.00 | 5070125.00 |  | 75.85 | 0.00 |
| 444 | 274809.00 | 5070125.00 |  | 74.52 | 0.00 |
| 445 | 275009.00 | 5070125.00 |  | 73.15 | 0.00 |
| 446 | 275209.00 | 5070125.00 |  | 71.74 | 0.00 |
| 447 | 275409.00 | 5070125.00 |  | 70.34 | 0.00 |
| 448 | 275609.00 | 5070125.00 |  | 69.63 | 0.00 |
| 449 | 275809.00 | 5070125.00 |  | 68.85 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 450 | 276009.00 | 5070125.00 |  | 68.04 | 0.00 |
| 451 | 276209.00 | 5070125.00 |  | 67.19 | 0.00 |
| 452 | 276409.00 | 5070125.00 |  | 66.26 | 0.00 |
| 453 | 276609.00 | 5070125.00 |  | 65.31 | 0.00 |
| 454 | 276809.00 | 5070125.00 |  | 64.36 | 0.00 |
| 455 | 277009.00 | 5070125.00 |  | 63.90 | 0.00 |
| 456 | 277209.00 | 5070125.00 |  | 63.73 | 0.00 |
| 457 | 269009.00 | 5070325.00 |  | 79.67 | 0.00 |
| 458 | 269209.00 | 5070325.00 |  | 79.15 | 0.00 |
| 459 | 269409.00 | 5070325.00 |  | 78.43 | 0.00 |
| 460 | 269609.00 | 5070325.00 |  | 78.28 | 0.00 |
| 461 | 269809.00 | 5070325.00 |  | 79.28 | 0.00 |
| 462 | 270009.00 | 5070325.00 |  | 80.00 | 0.00 |
| 463 | 270209.00 | 5070325.00 |  | 88.58 | 0.00 |
| 464 | 270409.00 | 5070325.00 |  | 90.00 | 0.00 |
| 465 | 270609.00 | 5070325.00 |  | 83.60 | 0.00 |
| 466 | 270809.00 | 5070325.00 |  | 75.31 | 0.00 |
| 467 | 271009.00 | 5070325.00 |  | 67.86 | 0.00 |
| 468 | 271209.00 | 5070325.00 |  | 65.72 | 0.00 |
| 469 | 271409.00 | 5070325.00 |  | 66.42 | 0.00 |
| 470 | 271609.00 | 5070325.00 |  | 68.59 | 0.00 |
| 471 | 271809.00 | 5070325.00 |  | 71.31 | 0.00 |
| 472 | 272009.00 | 5070325.00 |  | 74.03 | 0.00 |
| 473 | 273409.00 | 5070325.00 |  | 74.26 | 0.00 |
| 474 | 273609.00 | 5070325.00 |  | 75.29 | 0.00 |
| 475 | 273809.00 | 5070325.00 |  | 76.32 | 0.00 |
| 476 | 274009.00 | 5070325.00 |  | 77.34 | 0.00 |
| 477 | 274209.00 | 5070325.00 |  | 78.45 | 0.00 |
| 478 | 274409.00 | 5070325.00 |  | 78.49 | 0.00 |
| 479 | 274609.00 | 5070325.00 |  | 77.07 | 0.00 |
| 480 | 274809.00 | 5070325.00 |  | 75.66 | 0.00 |
| 481 | 275009.00 | 5070325.00 |  | 74.25 | 0.00 |
| 482 | 275209.00 | 5070325.00 |  | 72.84 | 0.00 |
| 483 | 275409.00 | 5070325.00 |  | 71.45 | 0.00 |
| 484 | 275609.00 | 5070325.00 |  | 70.74 | 0.00 |
| 485 | 275809.00 | 5070325.00 |  | 69.75 | 0.00 |
| 486 | 276009.00 | 5070325.00 |  | 68.91 | 0.00 |
| 487 | 276209.00 | 5070325.00 |  | 68.01 | 0.00 |
| 488 | 276409.00 | 5070325.00 |  | 67.03 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 489 | 276609.00 | 5070325.00 |  | 66.09 | 0.00 |
| 490 | 276809.00 | 5070325.00 |  | 65.14 | 0.00 |
| 491 | 277009.00 | 5070325.00 |  | 64.19 | 0.00 |
| 492 | 277209.00 | 5070325.00 |  | 63.87 | 0.00 |
| 493 | 269009.00 | 5070525.00 |  | 79.71 | 0.00 |
| 494 | 269209.00 | 5070525.00 |  | 79.22 | 0.00 |
| 495 | 269409.00 | 5070525.00 |  | 78.76 | 0.00 |
| 496 | 269609.00 | 5070525.00 |  | 78.37 | 0.00 |
| 497 | 269809.00 | 5070525.00 |  | 78.74 | 0.00 |
| 498 | 270009.00 | 5070525.00 |  | 79.85 | 0.00 |
| 499 | 270209.00 | 5070525.00 |  | 84.19 | 0.00 |
| 500 | 270409.00 | 5070525.00 |  | 90.00 | 0.00 |
| 501 | 270609.00 | 5070525.00 |  | 87.67 | 0.00 |
| 502 | 270809.00 | 5070525.00 |  | 80.65 | 0.00 |
| 503 | 271009.00 | 5070525.00 |  | 76.52 | 0.00 |
| 504 | 271209.00 | 5070525.00 |  | 73.23 | 0.00 |
| 505 | 271409.00 | 5070525.00 |  | 72.50 | 0.00 |
| 506 | 271609.00 | 5070525.00 |  | 72.03 | 0.00 |
| 507 | 271809.00 | 5070525.00 |  | 72.70 | 0.00 |
| 508 | 273609.00 | 5070525.00 |  | 74.99 | 0.00 |
| 509 | 273809.00 | 5070525.00 |  | 76.16 | 0.00 |
| 510 | 274009.00 | 5070525.00 |  | 77.32 | 0.00 |
| 511 | 274209.00 | 5070525.00 |  | 78.49 | 0.00 |
| 512 | 274409.00 | 5070525.00 |  | 78.75 | 0.00 |
| 513 | 274609.00 | 5070525.00 |  | 78.17 | 0.00 |
| 514 | 274809.00 | 5070525.00 |  | 76.76 | 0.00 |
| 515 | 275009.00 | 5070525.00 |  | 75.34 | 0.00 |
| 516 | 275209.00 | 5070525.00 |  | 73.93 | 0.00 |
| 517 | 275409.00 | 5070525.00 |  | 72.73 | 0.00 |
| 518 | 275609.00 | 5070525.00 |  | 71.84 | 0.00 |
| 519 | 275809.00 | 5070525.00 |  | 70.75 | 0.00 |
| 520 | 276009.00 | 5070525.00 |  | 69.74 | 0.00 |
| 521 | 276209.00 | 5070525.00 |  | 68.76 | 0.00 |
| 522 | 276409.00 | 5070525.00 |  | 67.81 | 0.00 |
| 523 | 276609.00 | 5070525.00 |  | 66.86 | 0.00 |
| 524 | 276809.00 | 5070525.00 |  | 65.91 | 0.00 |
| 525 | 277009.00 | 5070525.00 |  | 64.96 | 0.00 |
| 526 | 277209.00 | 5070525.00 |  | 64.04 | 0.00 |
| 527 | 269009.00 | 5070725.00 |  | 80.00 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 528 | 269209.00 | 5070725.00 |  | 79.64 | 0.00 |
| 529 | 269409.00 | 5070725.00 |  | 79.22 | 0.00 |
| 530 | 269609.00 | 5070725.00 |  | 78.96 | 0.00 |
| 531 | 269809.00 | 5070725.00 |  | 79.32 | 0.00 |
| 532 | 270009.00 | 5070725.00 |  | 79.80 | 0.00 |
| 533 | 270209.00 | 5070725.00 |  | 83.58 | 0.00 |
| 534 | 270409.00 | 5070725.00 |  | 90.00 | 0.00 |
| 535 | 270609.00 | 5070725.00 |  | 90.00 | 0.00 |
| 536 | 270809.00 | 5070725.00 |  | 88.46 | 0.00 |
| 537 | 271009.00 | 5070725.00 |  | 85.17 | 0.00 |
| 538 | 271209.00 | 5070725.00 |  | 81.88 | 0.00 |
| 539 | 271409.00 | 5070725.00 |  | 78.60 | 0.00 |
| 540 | 271609.00 | 5070725.00 |  | 79.28 | 0.00 |
| 541 | 271809.00 | 5070725.00 |  | 77.57 | 0.00 |
| 542 | 273809.00 | 5070725.00 |  | 76.19 | 0.00 |
| 543 | 274009.00 | 5070725.00 |  | 77.36 | 0.00 |
| 544 | 274209.00 | 5070725.00 |  | 78.52 | 0.00 |
| 545 | 274409.00 | 5070725.00 |  | 78.74 | 0.00 |
| 546 | 274609.00 | 5070725.00 |  | 78.30 | 0.00 |
| 547 | 274809.00 | 5070725.00 |  | 77.85 | 0.00 |
| 548 | 275009.00 | 5070725.00 |  | 76.44 | 0.00 |
| 549 | 275209.00 | 5070725.00 |  | 75.03 | 0.00 |
| 550 | 275409.00 | 5070725.00 |  | 74.01 | 0.00 |
| 551 | 275609.00 | 5070725.00 |  | 72.91 | 0.00 |
| 552 | 275809.00 | 5070725.00 |  | 71.77 | 0.00 |
| 553 | 276009.00 | 5070725.00 |  | 70.59 | 0.00 |
| 554 | 276209.00 | 5070725.00 |  | 69.53 | 0.00 |
| 555 | 276409.00 | 5070725.00 |  | 68.59 | 0.00 |
| 556 | 276609.00 | 5070725.00 |  | 67.63 | 0.00 |
| 557 | 276809.00 | 5070725.00 |  | 66.74 | 0.00 |
| 558 | 277009.00 | 5070725.00 |  | 65.90 | 0.00 |
| 559 | 277209.00 | 5070725.00 |  | 64.98 | 0.00 |
| 560 | 269009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 561 | 269209.00 | 5070925.00 |  | 80.00 | 0.00 |
| 562 | 269409.00 | 5070925.00 |  | 79.80 | 0.00 |
| 563 | 269609.00 | 5070925.00 |  | 79.55 | 0.00 |
| 564 | 269809.00 | 5070925.00 |  | 79.90 | 0.00 |
| 565 | 270009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 566 | 270209.00 | 5070925.00 |  | 82.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 567 | 270409.00 | 5070925.00 |  | 90.00 | 0.00 |
| 568 | 270609.00 | 5070925.00 |  | 90.00 | 0.00 |
| 569 | 270809.00 | 5070925.00 |  | 89.84 | 0.00 |
| 570 | 271009.00 | 5070925.00 |  | 87.30 | 0.00 |
| 571 | 271209.00 | 5070925.00 |  | 85.08 | 0.00 |
| 572 | 271409.00 | 5070925.00 |  | 81.55 | 0.00 |
| 573 | 271609.00 | 5070925.00 |  | 80.21 | 0.00 |
| 574 | 271809.00 | 5070925.00 |  | 80.00 | 0.00 |
| 575 | 272009.00 | 5070925.00 |  | 79.32 | 0.00 |
| 576 | 274009.00 | 5070925.00 |  | 77.39 | 0.00 |
| 577 | 274209.00 | 5070925.00 |  | 78.56 | 0.00 |
| 578 | 274409.00 | 5070925.00 |  | 78.73 | 0.00 |
| 579 | 274609.00 | 5070925.00 |  | 78.28 | 0.00 |
| 580 | 274809.00 | 5070925.00 |  | 77.84 | 0.00 |
| 581 | 275009.00 | 5070925.00 |  | 77.40 | 0.00 |
| 582 | 275209.00 | 5070925.00 |  | 76.12 | 0.00 |
| 583 | 275409.00 | 5070925.00 |  | 75.07 | 0.00 |
| 584 | 275609.00 | 5070925.00 |  | 73.88 | 0.00 |
| 585 | 275809.00 | 5070925.00 |  | 72.71 | 0.00 |
| 586 | 276009.00 | 5070925.00 |  | 71.50 | 0.00 |
| 587 | 276209.00 | 5070925.00 |  | 70.32 | 0.00 |
| 588 | 276409.00 | 5070925.00 |  | 69.44 | 0.00 |
| 589 | 276609.00 | 5070925.00 |  | 68.55 | 0.00 |
| 590 | 276809.00 | 5070925.00 |  | 67.73 | 0.00 |
| 591 | 277009.00 | 5070925.00 |  | 66.89 | 0.00 |
| 592 | 277209.00 | 5070925.00 |  | 65.93 | 0.00 |
| 593 | 269009.00 | 5071125.00 |  | 83.50 | 0.00 |
| 594 | 269209.00 | 5071125.00 |  | 80.34 | 0.00 |
| 595 | 269409.00 | 5071125.00 |  | 80.12 | 0.00 |
| 596 | 269609.00 | 5071125.00 |  | 80.00 | 0.00 |
| 597 | 269809.00 | 5071125.00 |  | 80.00 | 0.00 |
| 598 | 270009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 599 | 270209.00 | 5071125.00 |  | 81.91 | 0.00 |
| 600 | 270409.00 | 5071125.00 |  | 87.07 | 0.00 |
| 601 | 270609.00 | 5071125.00 |  | 90.00 | 0.00 |
| 602 | 270809.00 | 5071125.00 |  | 90.00 | 0.00 |
| 603 | 271009.00 | 5071125.00 |  | 89.04 | 0.00 |
| 604 | 271209.00 | 5071125.00 |  | 84.54 | 0.00 |
| 605 | 271409.00 | 5071125.00 |  | 84.24 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 606 | 271609.00 | 5071125.00 |  | 82.85 | 0.00 |
| 607 | 271809.00 | 5071125.00 |  | 80.03 | 0.00 |
| 608 | 272009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 609 | 272209.00 | 5071125.00 |  | 78.52 | 0.00 |
| 610 | 274209.00 | 5071125.00 |  | 78.59 | 0.00 |
| 611 | 274409.00 | 5071125.00 |  | 78.71 | 0.00 |
| 612 | 274609.00 | 5071125.00 |  | 78.27 | 0.00 |
| 613 | 274809.00 | 5071125.00 |  | 77.83 | 0.00 |
| 614 | 275009.00 | 5071125.00 |  | 77.38 | 0.00 |
| 615 | 275209.00 | 5071125.00 |  | 76.95 | 0.00 |
| 616 | 275409.00 | 5071125.00 |  | 75.91 | 0.00 |
| 617 | 275609.00 | 5071125.00 |  | 74.69 | 0.00 |
| 618 | 275809.00 | 5071125.00 |  | 73.47 | 0.00 |
| 619 | 276009.00 | 5071125.00 |  | 72.26 | 0.00 |
| 620 | 276209.00 | 5071125.00 |  | 71.18 | 0.00 |
| 621 | 276409.00 | 5071125.00 |  | 70.34 | 0.00 |
| 622 | 276609.00 | 5071125.00 |  | 69.55 | 0.00 |
| 623 | 276809.00 | 5071125.00 |  | 68.77 | 0.00 |
| 624 | 277009.00 | 5071125.00 |  | 67.86 | 0.00 |
| 625 | 277209.00 | 5071125.00 |  | 66.88 | 0.00 |
| 626 | 269009.00 | 5071325.00 |  | 86.87 | 0.00 |
| 627 | 269209.00 | 5071325.00 |  | 80.49 | 0.00 |
| 628 | 269409.00 | 5071325.00 |  | 80.40 | 0.00 |
| 629 | 269609.00 | 5071325.00 |  | 80.20 | 0.00 |
| 630 | 269809.00 | 5071325.00 |  | 80.00 | 0.00 |
| 631 | 270009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 632 | 270209.00 | 5071325.00 |  | 80.00 | 0.00 |
| 633 | 270409.00 | 5071325.00 |  | 82.30 | 0.00 |
| 634 | 270609.00 | 5071325.00 |  | 88.51 | 0.00 |
| 635 | 270809.00 | 5071325.00 |  | 92.82 | 0.00 |
| 636 | 271009.00 | 5071325.00 |  | 91.53 | 0.00 |
| 637 | 271209.00 | 5071325.00 |  | 90.00 | 0.00 |
| 638 | 271409.00 | 5071325.00 |  | 87.26 | 0.00 |
| 639 | 271609.00 | 5071325.00 |  | 84.37 | 0.00 |
| 640 | 271809.00 | 5071325.00 |  | 81.39 | 0.00 |
| 641 | 272009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 642 | 272209.00 | 5071325.00 |  | 78.86 | 0.00 |
| 643 | 272409.00 | 5071325.00 |  | 77.15 | 0.00 |
| 644 | 274209.00 | 5071325.00 |  | 78.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 645 | 274409.00 | 5071325.00 |  | 78.70 | 0.00 |
| 646 | 274609.00 | 5071325.00 |  | 78.24 | 0.00 |
| 647 | 274809.00 | 5071325.00 |  | 77.77 | 0.00 |
| 648 | 275009.00 | 5071325.00 |  | 77.30 | 0.00 |
| 649 | 275209.00 | 5071325.00 |  | 76.90 | 0.00 |
| 650 | 275409.00 | 5071325.00 |  | 76.65 | 0.00 |
| 651 | 275609.00 | 5071325.00 |  | 75.45 | 0.00 |
| 652 | 275809.00 | 5071325.00 |  | 74.23 | 0.00 |
| 653 | 276009.00 | 5071325.00 |  | 73.02 | 0.00 |
| 654 | 276209.00 | 5071325.00 |  | 72.12 | 0.00 |
| 655 | 276409.00 | 5071325.00 |  | 71.32 | 0.00 |
| 656 | 276609.00 | 5071325.00 |  | 70.54 | 0.00 |
| 657 | 276809.00 | 5071325.00 |  | 69.73 | 0.00 |
| 658 | 277009.00 | 5071325.00 |  | 68.81 | 0.00 |
| 659 | 277209.00 | 5071325.00 |  | 67.82 | 0.00 |
| 660 | 269009.00 | 5071525.00 |  | 86.19 | 0.00 |
| 661 | 269209.00 | 5071525.00 |  | 80.84 | 0.00 |
| 662 | 269409.00 | 5071525.00 |  | 80.57 | 0.00 |
| 663 | 269609.00 | 5071525.00 |  | 80.25 | 0.00 |
| 664 | 269809.00 | 5071525.00 |  | 80.00 | 0.00 |
| 665 | 270009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 666 | 270209.00 | 5071525.00 |  | 80.00 | 0.00 |
| 667 | 270409.00 | 5071525.00 |  | 80.00 | 0.00 |
| 668 | 270609.00 | 5071525.00 |  | 84.96 | 0.00 |
| 669 | 270809.00 | 5071525.00 |  | 88.51 | 0.00 |
| 670 | 271009.00 | 5071525.00 |  | 90.00 | 0.00 |
| 671 | 271209.00 | 5071525.00 |  | 90.00 | 0.00 |
| 672 | 271409.00 | 5071525.00 |  | 87.51 | 0.00 |
| 673 | 271609.00 | 5071525.00 |  | 84.04 | 0.00 |
| 674 | 271809.00 | 5071525.00 |  | 80.88 | 0.00 |
| 675 | 272009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 676 | 272209.00 | 5071525.00 |  | 79.79 | 0.00 |
| 677 | 272409.00 | 5071525.00 |  | 78.06 | 0.00 |
| 678 | 272609.00 | 5071525.00 |  | 76.48 | 0.00 |
| 679 | 274009.00 | 5071525.00 |  | 77.44 | 0.00 |
| 680 | 274209.00 | 5071525.00 |  | 78.38 | 0.00 |
| 681 | 274409.00 | 5071525.00 |  | 78.62 | 0.00 |
| 682 | 274609.00 | 5071525.00 |  | 78.15 | 0.00 |
| 683 | 274809.00 | 5071525.00 |  | 77.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 684 | 275009.00 | 5071525.00 |  | 77.21 | 0.00 |
| 685 | 275209.00 | 5071525.00 |  | 76.86 | 0.00 |
| 686 | 275409.00 | 5071525.00 |  | 76.60 | 0.00 |
| 687 | 275609.00 | 5071525.00 |  | 76.21 | 0.00 |
| 688 | 275809.00 | 5071525.00 |  | 74.99 | 0.00 |
| 689 | 276009.00 | 5071525.00 |  | 73.89 | 0.00 |
| 690 | 276209.00 | 5071525.00 |  | 73.08 | 0.00 |
| 691 | 276409.00 | 5071525.00 |  | 72.29 | 0.00 |
| 692 | 276609.00 | 5071525.00 |  | 71.46 | 0.00 |
| 693 | 276809.00 | 5071525.00 |  | 70.58 | 0.00 |
| 694 | 277009.00 | 5071525.00 |  | 69.66 | 0.00 |
| 695 | 277209.00 | 5071525.00 |  | 68.62 | 0.00 |
| 696 | 269009.00 | 5071725.00 |  | 83.51 | 0.00 |
| 697 | 269209.00 | 5071725.00 |  | 82.08 | 0.00 |
| 698 | 269409.00 | 5071725.00 |  | 80.98 | 0.00 |
| 699 | 269609.00 | 5071725.00 |  | 80.28 | 0.00 |
| 700 | 269809.00 | 5071725.00 |  | 80.00 | 0.00 |
| 701 | 270009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 702 | 270209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 703 | 270409.00 | 5071725.00 |  | 80.00 | 0.00 |
| 704 | 270609.00 | 5071725.00 |  | 80.58 | 0.00 |
| 705 | 270809.00 | 5071725.00 |  | 84.67 | 0.00 |
| 706 | 271009.00 | 5071725.00 |  | 87.86 | 0.00 |
| 707 | 271209.00 | 5071725.00 |  | 89.11 | 0.00 |
| 708 | 271409.00 | 5071725.00 |  | 86.23 | 0.00 |
| 709 | 271609.00 | 5071725.00 |  | 83.30 | 0.00 |
| 710 | 271809.00 | 5071725.00 |  | 80.56 | 0.00 |
| 711 | 272009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 712 | 272209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 713 | 272409.00 | 5071725.00 |  | 78.95 | 0.00 |
| 714 | 272609.00 | 5071725.00 |  | 77.52 | 0.00 |
| 715 | 272809.00 | 5071725.00 |  | 77.45 | 0.00 |
| 716 | 273809.00 | 5071725.00 |  | 76.00 | 0.00 |
| 717 | 274009.00 | 5071725.00 |  | 76.94 | 0.00 |
| 718 | 274209.00 | 5071725.00 |  | 77.82 | 0.00 |
| 719 | 274409.00 | 5071725.00 |  | 78.09 | 0.00 |
| 720 | 274609.00 | 5071725.00 |  | 78.06 | 0.00 |
| 721 | 274809.00 | 5071725.00 |  | 77.59 | 0.00 |
| 722 | 275009.00 | 5071725.00 |  | 77.12 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 723 | 275209.00 | 5071725.00 |  | 76.81 | 0.00 |
| 724 | 275409.00 | 5071725.00 |  | 76.55 | 0.00 |
| 725 | 275609.00 | 5071725.00 |  | 76.30 | 0.00 |
| 726 | 275809.00 | 5071725.00 |  | 75.75 | 0.00 |
| 727 | 276009.00 | 5071725.00 |  | 74.84 | 0.00 |
| 728 | 276209.00 | 5071725.00 |  | 73.97 | 0.00 |
| 729 | 276409.00 | 5071725.00 |  | 73.04 | 0.00 |
| 730 | 276609.00 | 5071725.00 |  | 72.15 | 0.00 |
| 731 | 276809.00 | 5071725.00 |  | 71.27 | 0.00 |
| 732 | 277009.00 | 5071725.00 |  | 70.38 | 0.00 |
| 733 | 277209.00 | 5071725.00 |  | 69.45 | 0.00 |
| 734 | 269009.00 | 5071925.00 |  | 85.79 | 0.00 |
| 735 | 269209.00 | 5071925.00 |  | 84.50 | 0.00 |
| 736 | 269409.00 | 5071925.00 |  | 83.40 | 0.00 |
| 737 | 269609.00 | 5071925.00 |  | 82.29 | 0.00 |
| 738 | 269809.00 | 5071925.00 |  | 80.26 | 0.00 |
| 739 | 270009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 740 | 270209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 741 | 270409.00 | 5071925.00 |  | 80.00 | 0.00 |
| 742 | 270609.00 | 5071925.00 |  | 80.00 | 0.00 |
| 743 | 270809.00 | 5071925.00 |  | 81.90 | 0.00 |
| 744 | 271009.00 | 5071925.00 |  | 84.79 | 0.00 |
| 745 | 271209.00 | 5071925.00 |  | 85.80 | 0.00 |
| 746 | 271409.00 | 5071925.00 |  | 82.94 | 0.00 |
| 747 | 271609.00 | 5071925.00 |  | 82.56 | 0.00 |
| 748 | 271809.00 | 5071925.00 |  | 81.45 | 0.00 |
| 749 | 272009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 750 | 272209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 751 | 272409.00 | 5071925.00 |  | 79.98 | 0.00 |
| 752 | 272609.00 | 5071925.00 |  | 78.61 | 0.00 |
| 753 | 272809.00 | 5071925.00 |  | 78.32 | 0.00 |
| 754 | 273009.00 | 5071925.00 |  | 77.77 | 0.00 |
| 755 | 273609.00 | 5071925.00 |  | 74.55 | 0.00 |
| 756 | 273809.00 | 5071925.00 |  | 75.49 | 0.00 |
| 757 | 274009.00 | 5071925.00 |  | 76.44 | 0.00 |
| 758 | 274209.00 | 5071925.00 |  | 77.25 | 0.00 |
| 759 | 274409.00 | 5071925.00 |  | 77.55 | 0.00 |
| 760 | 274609.00 | 5071925.00 |  | 77.53 | 0.00 |
| 761 | 274809.00 | 5071925.00 |  | 77.51 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 762 | 275009.00 | 5071925.00 |  | 77.04 | 0.00 |
| 763 | 275209.00 | 5071925.00 |  | 76.76 | 0.00 |
| 764 | 275409.00 | 5071925.00 |  | 76.51 | 0.00 |
| 765 | 275609.00 | 5071925.00 |  | 76.26 | 0.00 |
| 766 | 275809.00 | 5071925.00 |  | 76.02 | 0.00 |
| 767 | 276009.00 | 5071925.00 |  | 75.69 | 0.00 |
| 768 | 276209.00 | 5071925.00 |  | 74.80 | 0.00 |
| 769 | 276409.00 | 5071925.00 |  | 73.92 | 0.00 |
| 770 | 276609.00 | 5071925.00 |  | 73.04 | 0.00 |
| 771 | 276809.00 | 5071925.00 |  | 72.16 | 0.00 |
| 772 | 277009.00 | 5071925.00 |  | 71.21 | 0.00 |
| 773 | 277209.00 | 5071925.00 |  | 70.00 | 0.00 |
| 774 | 269009.00 | 5072125.00 |  | 88.26 | 0.00 |
| 775 | 269209.00 | 5072125.00 |  | 86.91 | 0.00 |
| 776 | 269409.00 | 5072125.00 |  | 85.81 | 0.00 |
| 777 | 269609.00 | 5072125.00 |  | 83.75 | 0.00 |
| 778 | 269809.00 | 5072125.00 |  | 81.10 | 0.00 |
| 779 | 270009.00 | 5072125.00 |  | 81.04 | 0.00 |
| 780 | 270209.00 | 5072125.00 |  | 80.79 | 0.00 |
| 781 | 270409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 782 | 270609.00 | 5072125.00 |  | 80.00 | 0.00 |
| 783 | 270809.00 | 5072125.00 |  | 80.00 | 0.00 |
| 784 | 271009.00 | 5072125.00 |  | 81.35 | 0.00 |
| 785 | 271209.00 | 5072125.00 |  | 82.49 | 0.00 |
| 786 | 271409.00 | 5072125.00 |  | 81.36 | 0.00 |
| 787 | 271609.00 | 5072125.00 |  | 81.13 | 0.00 |
| 788 | 271809.00 | 5072125.00 |  | 80.91 | 0.00 |
| 789 | 272009.00 | 5072125.00 |  | 80.00 | 0.00 |
| 790 | 272209.00 | 5072125.00 |  | 80.00 | 0.00 |
| 791 | 272409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 792 | 272609.00 | 5072125.00 |  | 79.74 | 0.00 |
| 793 | 272809.00 | 5072125.00 |  | 79.19 | 0.00 |
| 794 | 273009.00 | 5072125.00 |  | 78.64 | 0.00 |
| 795 | 273209.00 | 5072125.00 |  | 77.54 | 0.00 |
| 796 | 273609.00 | 5072125.00 |  | 74.05 | 0.00 |
| 797 | 273809.00 | 5072125.00 |  | 74.99 | 0.00 |
| 798 | 274009.00 | 5072125.00 |  | 75.90 | 0.00 |
| 799 | 274209.00 | 5072125.00 |  | 76.69 | 0.00 |
| 800 | 274409.00 | 5072125.00 |  | 77.01 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 801 | 274609.00 | 5072125.00 |  | 76.99 | 0.00 |
| 802 | 274809.00 | 5072125.00 |  | 76.97 | 0.00 |
| 803 | 275009.00 | 5072125.00 |  | 76.98 | 0.00 |
| 804 | 275209.00 | 5072125.00 |  | 76.74 | 0.00 |
| 805 | 275409.00 | 5072125.00 |  | 76.50 | 0.00 |
| 806 | 275609.00 | 5072125.00 |  | 76.25 | 0.00 |
| 807 | 275809.00 | 5072125.00 |  | 76.01 | 0.00 |
| 808 | 276009.00 | 5072125.00 |  | 76.00 | 0.00 |
| 809 | 276209.00 | 5072125.00 |  | 75.70 | 0.00 |
| 810 | 276409.00 | 5072125.00 |  | 74.82 | 0.00 |
| 811 | 276609.00 | 5072125.00 |  | 73.94 | 0.00 |
| 812 | 276809.00 | 5072125.00 |  | 73.06 | 0.00 |
| 813 | 277009.00 | 5072125.00 |  | 72.02 | 0.00 |
| 814 | 277209.00 | 5072125.00 |  | 70.82 | 0.00 |
| 815 | 269009.00 | 5072325.00 |  | 90.00 | 0.00 |
| 816 | 269209.00 | 5072325.00 |  | 89.32 | 0.00 |
| 817 | 269409.00 | 5072325.00 |  | 87.38 | 0.00 |
| 818 | 269609.00 | 5072325.00 |  | 85.43 | 0.00 |
| 819 | 269809.00 | 5072325.00 |  | 83.89 | 0.00 |
| 820 | 270009.00 | 5072325.00 |  | 84.28 | 0.00 |
| 821 | 270209.00 | 5072325.00 |  | 83.43 | 0.00 |
| 822 | 270409.00 | 5072325.00 |  | 82.20 | 0.00 |
| 823 | 270609.00 | 5072325.00 |  | 80.47 | 0.00 |
| 824 | 270809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 825 | 271009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 826 | 271209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 827 | 271409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 828 | 271609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 829 | 271809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 830 | 272009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 831 | 272209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 832 | 272409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 833 | 272609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 834 | 272809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 835 | 273009.00 | 5072325.00 |  | 79.52 | 0.00 |
| 836 | 273209.00 | 5072325.00 |  | 78.64 | 0.00 |
| 837 | 273409.00 | 5072325.00 |  | 76.73 | 0.00 |
| 838 | 273609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 839 | 273809.00 | 5072325.00 |  | 74.49 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 840 | 274009.00 | 5072325.00 |  | 75.33 | 0.00 |
| 841 | 274209.00 | 5072325.00 |  | 76.12 | 0.00 |
| 842 | 274409.00 | 5072325.00 |  | 76.47 | 0.00 |
| 843 | 274609.00 | 5072325.00 |  | 76.45 | 0.00 |
| 844 | 274809.00 | 5072325.00 |  | 76.63 | 0.00 |
| 845 | 275009.00 | 5072325.00 |  | 76.82 | 0.00 |
| 846 | 275209.00 | 5072325.00 |  | 76.73 | 0.00 |
| 847 | 275409.00 | 5072325.00 |  | 76.49 | 0.00 |
| 848 | 275609.00 | 5072325.00 |  | 76.25 | 0.00 |
| 849 | 275809.00 | 5072325.00 |  | 76.01 | 0.00 |
| 850 | 276009.00 | 5072325.00 |  | 76.00 | 0.00 |
| 851 | 276209.00 | 5072325.00 |  | 76.00 | 0.00 |
| 852 | 276409.00 | 5072325.00 |  | 75.71 | 0.00 |
| 853 | 276609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 854 | 276809.00 | 5072325.00 |  | 73.95 | 0.00 |
| 855 | 277009.00 | 5072325.00 |  | 72.83 | 0.00 |
| 856 | 277209.00 | 5072325.00 |  | 71.88 | 0.00 |
| 857 | 269009.00 | 5072525.00 |  | 90.00 | 0.00 |
| 858 | 269209.00 | 5072525.00 |  | 90.00 | 0.00 |
| 859 | 269409.00 | 5072525.00 |  | 89.94 | 0.00 |
| 860 | 269609.00 | 5072525.00 |  | 87.87 | 0.00 |
| 861 | 269809.00 | 5072525.00 |  | 87.09 | 0.00 |
| 862 | 270009.00 | 5072525.00 |  | 87.05 | 0.00 |
| 863 | 270209.00 | 5072525.00 |  | 85.80 | 0.00 |
| 864 | 270409.00 | 5072525.00 |  | 83.80 | 0.00 |
| 865 | 270609.00 | 5072525.00 |  | 82.29 | 0.00 |
| 866 | 270809.00 | 5072525.00 |  | 80.41 | 0.00 |
| 867 | 271009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 868 | 271209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 869 | 271409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 870 | 271609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 871 | 271809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 872 | 272009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 873 | 272209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 874 | 272409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 875 | 272609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 876 | 272809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 877 | 273009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 878 | 273209.00 | 5072525.00 |  | 79.73 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 879 | 273409.00 | 5072525.00 |  | 77.83 | 0.00 |
| 880 | 273609.00 | 5072525.00 |  | 75.98 | 0.00 |
| 881 | 273809.00 | 5072525.00 |  | 74.33 | 0.00 |
| 882 | 274009.00 | 5072525.00 |  | 75.15 | 0.00 |
| 883 | 274209.00 | 5072525.00 |  | 75.97 | 0.00 |
| 884 | 274409.00 | 5072525.00 |  | 76.08 | 0.00 |
| 885 | 274609.00 | 5072525.00 |  | 76.26 | 0.00 |
| 886 | 274809.00 | 5072525.00 |  | 76.45 | 0.00 |
| 887 | 275009.00 | 5072525.00 |  | 76.63 | 0.00 |
| 888 | 275209.00 | 5072525.00 |  | 76.58 | 0.00 |
| 889 | 275409.00 | 5072525.00 |  | 76.49 | 0.00 |
| 890 | 275609.00 | 5072525.00 |  | 76.25 | 0.00 |
| 891 | 275809.00 | 5072525.00 |  | 76.01 | 0.00 |
| 892 | 276009.00 | 5072525.00 |  | 76.00 | 0.00 |
| 893 | 276209.00 | 5072525.00 |  | 76.00 | 0.00 |
| 894 | 276409.00 | 5072525.00 |  | 76.00 | 0.00 |
| 895 | 276609.00 | 5072525.00 |  | 75.73 | 0.00 |
| 896 | 276809.00 | 5072525.00 |  | 74.84 | 0.00 |
| 897 | 277009.00 | 5072525.00 |  | 73.83 | 0.00 |
| 898 | 277209.00 | 5072525.00 |  | 72.99 | 0.00 |
| 899 | 269009.00 | 5072725.00 |  | 90.00 | 0.00 |
| 900 | 269209.00 | 5072725.00 |  | 90.00 | 0.00 |
| 901 | 269409.00 | 5072725.00 |  | 89.61 | 0.00 |
| 902 | 269609.00 | 5072725.00 |  | 90.00 | 0.00 |
| 903 | 269809.00 | 5072725.00 |  | 90.70 | 0.00 |
| 904 | 270009.00 | 5072725.00 |  | 89.40 | 0.00 |
| 905 | 270209.00 | 5072725.00 |  | 87.15 | 0.00 |
| 906 | 270409.00 | 5072725.00 |  | 85.39 | 0.00 |
| 907 | 270609.00 | 5072725.00 |  | 83.60 | 0.00 |
| 908 | 270809.00 | 5072725.00 |  | 81.03 | 0.00 |
| 909 | 271009.00 | 5072725.00 |  | 80.05 | 0.00 |
| 910 | 271209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 911 | 271409.00 | 5072725.00 |  | 80.00 | 0.00 |
| 912 | 271609.00 | 5072725.00 |  | 80.00 | 0.00 |
| 913 | 271809.00 | 5072725.00 |  | 80.00 | 0.00 |
| 914 | 272009.00 | 5072725.00 |  | 80.00 | 0.00 |
| 915 | 272209.00 | 5072725.00 |  | 80.01 | 0.00 |
| 916 | 272409.00 | 5072725.00 |  | 80.09 | 0.00 |
| 917 | 272609.00 | 5072725.00 |  | 80.16 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 918 | 272809.00 | 5072725.00 |  | 80.13 | 0.00 |
| 919 | 273009.00 | 5072725.00 |  | 80.04 | 0.00 |
| 920 | 273209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 921 | 273409.00 | 5072725.00 |  | 79.70 | 0.00 |
| 922 | 273609.00 | 5072725.00 |  | 78.26 | 0.00 |
| 923 | 273809.00 | 5072725.00 |  | 77.38 | 0.00 |
| 924 | 274009.00 | 5072725.00 |  | 77.72 | 0.00 |
| 925 | 274209.00 | 5072725.00 |  | 74.58 | 0.00 |
| 926 | 274409.00 | 5072725.00 |  | 74.87 | 0.00 |
| 927 | 274609.00 | 5072725.00 |  | 76.08 | 0.00 |
| 928 | 274809.00 | 5072725.00 |  | 76.26 | 0.00 |
| 929 | 275009.00 | 5072725.00 |  | 76.45 | 0.00 |
| 930 | 275209.00 | 5072725.00 |  | 76.43 | 0.00 |
| 931 | 275409.00 | 5072725.00 |  | 76.34 | 0.00 |
| 932 | 275609.00 | 5072725.00 |  | 76.24 | 0.00 |
| 933 | 275809.00 | 5072725.00 |  | 76.00 | 0.00 |
| 934 | 276009.00 | 5072725.00 |  | 76.00 | 0.00 |
| 935 | 276209.00 | 5072725.00 |  | 76.00 | 0.00 |
| 936 | 276409.00 | 5072725.00 |  | 76.00 | 0.00 |
| 937 | 276609.00 | 5072725.00 |  | 76.00 | 0.00 |
| 938 | 276809.00 | 5072725.00 |  | 75.73 | 0.00 |
| 939 | 277009.00 | 5072725.00 |  | 74.79 | 0.00 |
| 940 | 277209.00 | 5072725.00 |  | 73.86 | 0.00 |
| 941 | 269009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 942 | 269209.00 | 5072925.00 |  | 90.00 | 0.00 |
| 943 | 269409.00 | 5072925.00 |  | 88.17 | 0.00 |
| 944 | 269609.00 | 5072925.00 |  | 90.00 | 0.00 |
| 945 | 269809.00 | 5072925.00 |  | 97.67 | 0.00 |
| 946 | 270009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 947 | 270209.00 | 5072925.00 |  | 87.69 | 0.00 |
| 948 | 270409.00 | 5072925.00 |  | 85.10 | 0.00 |
| 949 | 270609.00 | 5072925.00 |  | 82.52 | 0.00 |
| 950 | 270809.00 | 5072925.00 |  | 80.00 | 0.00 |
| 951 | 271009.00 | 5072925.00 |  | 80.46 | 0.00 |
| 952 | 271209.00 | 5072925.00 |  | 80.06 | 0.00 |
| 953 | 271409.00 | 5072925.00 |  | 80.00 | 0.00 |
| 954 | 271609.00 | 5072925.00 |  | 80.00 | 0.00 |
| 955 | 271809.00 | 5072925.00 |  | 80.09 | 0.00 |
| 956 | 272009.00 | 5072925.00 |  | 80.19 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |        |      |
|-----|-----------|------------|--|--------|------|
| 957 | 272209.00 | 5072925.00 |  | 80.23  | 0.00 |
| 958 | 272409.00 | 5072925.00 |  | 80.30  | 0.00 |
| 959 | 272609.00 | 5072925.00 |  | 80.37  | 0.00 |
| 960 | 272809.00 | 5072925.00 |  | 80.35  | 0.00 |
| 961 | 273009.00 | 5072925.00 |  | 80.24  | 0.00 |
| 962 | 273209.00 | 5072925.00 |  | 80.10  | 0.00 |
| 963 | 273409.00 | 5072925.00 |  | 80.00  | 0.00 |
| 964 | 273609.00 | 5072925.00 |  | 80.00  | 0.00 |
| 965 | 273809.00 | 5072925.00 |  | 78.25  | 0.00 |
| 966 | 274009.00 | 5072925.00 |  | 75.10  | 0.00 |
| 967 | 274209.00 | 5072925.00 |  | 72.34  | 0.00 |
| 968 | 274409.00 | 5072925.00 |  | 72.94  | 0.00 |
| 969 | 274609.00 | 5072925.00 |  | 74.90  | 0.00 |
| 970 | 274809.00 | 5072925.00 |  | 76.08  | 0.00 |
| 971 | 275009.00 | 5072925.00 |  | 76.27  | 0.00 |
| 972 | 275209.00 | 5072925.00 |  | 76.27  | 0.00 |
| 973 | 275409.00 | 5072925.00 |  | 76.19  | 0.00 |
| 974 | 275609.00 | 5072925.00 |  | 76.10  | 0.00 |
| 975 | 275809.00 | 5072925.00 |  | 76.00  | 0.00 |
| 976 | 276009.00 | 5072925.00 |  | 75.96  | 0.00 |
| 977 | 276209.00 | 5072925.00 |  | 75.87  | 0.00 |
| 978 | 276409.00 | 5072925.00 |  | 75.79  | 0.00 |
| 979 | 276609.00 | 5072925.00 |  | 75.71  | 0.00 |
| 980 | 276809.00 | 5072925.00 |  | 75.65  | 0.00 |
| 981 | 277009.00 | 5072925.00 |  | 75.65  | 0.00 |
| 982 | 277209.00 | 5072925.00 |  | 74.72  | 0.00 |
| 983 | 269009.00 | 5073125.00 |  | 100.00 | 0.00 |
| 984 | 269209.00 | 5073125.00 |  | 97.27  | 0.00 |
| 985 | 269409.00 | 5073125.00 |  | 90.00  | 0.00 |
| 986 | 269609.00 | 5073125.00 |  | 90.00  | 0.00 |
| 987 | 269809.00 | 5073125.00 |  | 92.44  | 0.00 |
| 988 | 270009.00 | 5073125.00 |  | 89.31  | 0.00 |
| 989 | 270209.00 | 5073125.00 |  | 85.93  | 0.00 |
| 990 | 270409.00 | 5073125.00 |  | 84.01  | 0.00 |
| 991 | 270609.00 | 5073125.00 |  | 81.43  | 0.00 |
| 992 | 270809.00 | 5073125.00 |  | 80.27  | 0.00 |
| 993 | 271009.00 | 5073125.00 |  | 80.88  | 0.00 |
| 994 | 271209.00 | 5073125.00 |  | 80.44  | 0.00 |
| 995 | 271409.00 | 5073125.00 |  | 80.00  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 996   | 271609.00 | 5073125.00 |  | 80.17  | 0.00 |
| 997   | 271809.00 | 5073125.00 |  | 80.37  | 0.00 |
| 998   | 272009.00 | 5073125.00 |  | 80.46  | 0.00 |
| 999   | 272209.00 | 5073125.00 |  | 80.48  | 0.00 |
| 1,000 | 272409.00 | 5073125.00 |  | 80.50  | 0.00 |
| 1,001 | 272609.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,002 | 272809.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,003 | 273009.00 | 5073125.00 |  | 80.44  | 0.00 |
| 1,004 | 273209.00 | 5073125.00 |  | 80.27  | 0.00 |
| 1,005 | 273409.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,006 | 273609.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,007 | 273809.00 | 5073125.00 |  | 78.91  | 0.00 |
| 1,008 | 274009.00 | 5073125.00 |  | 72.66  | 0.00 |
| 1,009 | 274209.00 | 5073125.00 |  | 70.68  | 0.00 |
| 1,010 | 274409.00 | 5073125.00 |  | 71.03  | 0.00 |
| 1,011 | 274609.00 | 5073125.00 |  | 72.97  | 0.00 |
| 1,012 | 274809.00 | 5073125.00 |  | 74.92  | 0.00 |
| 1,013 | 275009.00 | 5073125.00 |  | 76.08  | 0.00 |
| 1,014 | 275209.00 | 5073125.00 |  | 76.12  | 0.00 |
| 1,015 | 275409.00 | 5073125.00 |  | 76.03  | 0.00 |
| 1,016 | 275609.00 | 5073125.00 |  | 75.47  | 0.00 |
| 1,017 | 275809.00 | 5073125.00 |  | 75.06  | 0.00 |
| 1,018 | 276009.00 | 5073125.00 |  | 75.60  | 0.00 |
| 1,019 | 276209.00 | 5073125.00 |  | 75.52  | 0.00 |
| 1,020 | 276409.00 | 5073125.00 |  | 75.43  | 0.00 |
| 1,021 | 276609.00 | 5073125.00 |  | 75.35  | 0.00 |
| 1,022 | 276809.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,023 | 277009.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,024 | 277209.00 | 5073125.00 |  | 75.30  | 0.00 |
| 1,025 | 269009.00 | 5073325.00 |  | 100.00 | 0.00 |
| 1,026 | 269209.00 | 5073325.00 |  | 97.47  | 0.00 |
| 1,027 | 269409.00 | 5073325.00 |  | 92.94  | 0.00 |
| 1,028 | 269609.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,029 | 269809.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,030 | 270009.00 | 5073325.00 |  | 88.17  | 0.00 |
| 1,031 | 270209.00 | 5073325.00 |  | 84.04  | 0.00 |
| 1,032 | 270409.00 | 5073325.00 |  | 81.71  | 0.00 |
| 1,033 | 270609.00 | 5073325.00 |  | 80.34  | 0.00 |
| 1,034 | 270809.00 | 5073325.00 |  | 80.43  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 1,035 | 271009.00 | 5073325.00 |  | 80.67  | 0.00 |
| 1,036 | 271209.00 | 5073325.00 |  | 80.26  | 0.00 |
| 1,037 | 271409.00 | 5073325.00 |  | 80.02  | 0.00 |
| 1,038 | 271609.00 | 5073325.00 |  | 80.36  | 0.00 |
| 1,039 | 271809.00 | 5073325.00 |  | 80.64  | 0.00 |
| 1,040 | 272009.00 | 5073325.00 |  | 80.72  | 0.00 |
| 1,041 | 272209.00 | 5073325.00 |  | 80.74  | 0.00 |
| 1,042 | 272409.00 | 5073325.00 |  | 80.76  | 0.00 |
| 1,043 | 272609.00 | 5073325.00 |  | 80.78  | 0.00 |
| 1,044 | 272809.00 | 5073325.00 |  | 80.79  | 0.00 |
| 1,045 | 273009.00 | 5073325.00 |  | 80.56  | 0.00 |
| 1,046 | 273209.00 | 5073325.00 |  | 80.19  | 0.00 |
| 1,047 | 273409.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,048 | 273609.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,049 | 273809.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,050 | 274009.00 | 5073325.00 |  | 77.00  | 0.00 |
| 1,051 | 274209.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,052 | 274409.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,053 | 274609.00 | 5073325.00 |  | 71.15  | 0.00 |
| 1,054 | 274809.00 | 5073325.00 |  | 73.06  | 0.00 |
| 1,055 | 275009.00 | 5073325.00 |  | 74.97  | 0.00 |
| 1,056 | 275209.00 | 5073325.00 |  | 75.63  | 0.00 |
| 1,057 | 275409.00 | 5073325.00 |  | 74.77  | 0.00 |
| 1,058 | 275609.00 | 5073325.00 |  | 73.90  | 0.00 |
| 1,059 | 275809.00 | 5073325.00 |  | 73.99  | 0.00 |
| 1,060 | 276009.00 | 5073325.00 |  | 74.62  | 0.00 |
| 1,061 | 276209.00 | 5073325.00 |  | 75.16  | 0.00 |
| 1,062 | 276409.00 | 5073325.00 |  | 75.08  | 0.00 |
| 1,063 | 276609.00 | 5073325.00 |  | 74.99  | 0.00 |
| 1,064 | 276809.00 | 5073325.00 |  | 74.93  | 0.00 |
| 1,065 | 277009.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,066 | 277209.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,067 | 269009.00 | 5073525.00 |  | 97.76  | 0.00 |
| 1,068 | 269209.00 | 5073525.00 |  | 91.01  | 0.00 |
| 1,069 | 269409.00 | 5073525.00 |  | 90.00  | 0.00 |
| 1,070 | 269609.00 | 5073525.00 |  | 95.02  | 0.00 |
| 1,071 | 269809.00 | 5073525.00 |  | 100.00 | 0.00 |
| 1,072 | 270009.00 | 5073525.00 |  | 87.41  | 0.00 |
| 1,073 | 270209.00 | 5073525.00 |  | 81.58  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |    |       |      |
|-------|-----------|------------|----|-------|------|
| 1,074 | 270409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,075 | 270609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,076 | 270809.00 | 5073525.00 |    | 80.12 | 0.00 |
| 1,077 | 271009.00 | 5073525.00 |    | 80.23 | 0.00 |
| 1,078 | 271209.00 | 5073525.00 |    | 80.02 | 0.00 |
| 1,079 | 271409.00 | 5073525.00 |    | 80.19 | 0.00 |
| 1,080 | 271609.00 | 5073525.00 |    | 80.53 | 0.00 |
| 1,081 | 271809.00 | 5073525.00 |    | 80.87 | 0.00 |
| 1,082 | 272009.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,083 | 272209.00 | 5073525.00 |    | 81.00 | 0.00 |
| 1,084 | 272409.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,085 | 272609.00 | 5073525.00 |    | 80.96 | 0.00 |
| 1,086 | 272809.00 | 5073525.00 |    | 80.85 | 0.00 |
| 1,087 | 273009.00 | 5073525.00 |    | 80.48 | 0.00 |
| 1,088 | 273209.00 | 5073525.00 |    | 80.10 | 0.00 |
| 1,089 | 273409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,090 | 273609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,091 | 273809.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,092 | 274009.00 | 5073525.00 |    | 76.93 | 0.00 |
| 1,093 | 274209.00 | 5073525.00 |    | 72.09 | 0.00 |
| 1,094 | 274409.00 | 5073525.00 |    | 70.00 | 0.00 |
| 1,095 | 274609.00 | 5073525.00 |    | 70.93 | 0.00 |
| 1,096 | 274809.00 | 5073525.00 |    | 72.57 | 0.00 |
| 1,097 | 275009.00 | 5073525.00 |    | 73.76 | 0.00 |
| 1,098 | 275209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,099 | 275409.00 | 5073525.00 |    | 73.21 | 0.00 |
| 1,100 | 275609.00 | 5073525.00 |    | 72.34 | 0.00 |
| 1,101 | 275809.00 | 5073525.00 |    | 72.93 | 0.00 |
| 1,102 | 276009.00 | 5073525.00 |    | 73.60 | 0.00 |
| 1,103 | 276209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,104 | 276409.00 | 5073525.00 |    | 74.70 | 0.00 |
| 1,105 | 276609.00 | 5073525.00 |    | 74.64 | 0.00 |
| 1,106 | 276809.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,107 | 277009.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,108 | 277209.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,109 | 272038.44 | 5070145.56 | R1 | 75.29 |      |
| 1,110 | 271516.63 | 5070936.35 | R2 | 83.25 |      |
| 1,111 | 272600.69 | 5071904.86 | R3 | 79.03 |      |
| 1,112 | 273650.41 | 5072169.67 | R4 | 78.22 |      |

# Receptor Pathway

ISC-PRIME

## Discrete Polar Receptors

Option not in use

## Plant Boundary Receptors

### Cartesian Plant Boundary

#### Primary

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 271840.32                     | 5070490.76                    | FENCEPRI                 | 0.00                             |                                    |
| 2             | 271757.78                     | 5070573.62                    | FENCEPRI                 | 0.00                             |                                    |
| 3             | 271897.82                     | 5070704.56                    | FENCEPRI                 | 0.00                             |                                    |
| 4             | 272853.22                     | 5071592.46                    | FENCEPRI                 | 0.00                             |                                    |
| 5             | 272964.22                     | 5071633.96                    | FENCEPRI                 | 0.00                             |                                    |
| 6             | 272922.52                     | 5071678.06                    | FENCEPRI                 | 0.00                             |                                    |
| 7             | 272999.02                     | 5071729.16                    | FENCEPRI                 | 0.00                             |                                    |
| 8             | 273109.92                     | 5071864.36                    | FENCEPRI                 | 0.00                             |                                    |
| 9             | 273241.52                     | 5072111.36                    | FENCEPRI                 | 0.00                             |                                    |
| 10            | 273398.72                     | 5072248.06                    | FENCEPRI                 | 0.00                             |                                    |
| 11            | 273533.12                     | 5072148.96                    | FENCEPRI                 | 0.00                             |                                    |
| 12            | 273319.72                     | 5072028.56                    | FENCEPRI                 | 0.00                             |                                    |
| 13            | 274163.12                     | 5071136.76                    | FENCEPRI                 | 0.00                             |                                    |
| 14            | 272645.32                     | 5069708.46                    | FENCEPRI                 | 0.00                             |                                    |

#### Intermediate

Option not in use

## Polar Plant Boundary

Option not in use

## Receptor Groups

| Record Number | Group ID | Group Description                          |
|---------------|----------|--|
| 1             | FENCEPRI | Cartesian plant boundary Primary Receptors |
| 2             | R1       |  |
| 3             | R2       |  |
| 4             | R3       |  |
| 5             | R4       |  |

# Receptor Pathway

ISC-PRIME

## Terrain Elevations and Flagpole Heights for Network Grids

### Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

# Meteorology Pathway

ISC-PRIME

## Met Input Data

|  |   |   |  |
|--|---|---|--|
| <b>Meteorological Input Data File and Format</b> |   |   |  |
| Filename:  | C:\Marc\projets\ste-sophie\meteo_mirabel\mira1999.txt |   |  |
| Format Type:                                     | Default ASCII Format                                  |   |  |
| <b>Anemometer Height</b>                         |   | <b>Optional Wind Direction</b>          |  |
| Height = 10,00 [m]                               |   | Rotation [deg]:                         |  |
| <b>Surface Meteorological Station</b>            |   | <b>Upper Air Meteorological Station</b> |  |
| Station No.:                                     | 25000   | Location [m] (Optional):                |  |
| Year:  | 1999  | X Coord.:                               |  |
| Station Name:                                    |   | Y Coord.:                               |  |
| Station No.:                                     | 23118   | Location [m] (Optional):                |  |
| Year:  | 1999  | X Coord.:                               |  |
| Station Name:                                    |   | Y Coord.:                               |  |

## Data Period

|   |                             |
|---|-----------------------------|
| <b>Read All Met. File?</b>              |                             |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

## Wind Speed Categories





















| Stability Category | Wind Speed [m/s] | Stability Category | Wind Speed [m/s] |
|--------------------|------------------|--------------------|------------------|
| A                  | 1.54             | D                  | 8.23             |
| B                  | 3.09             | E                  | 10.8             |
| C                  | 5.14             | F                  | No Upper Bound   |



# Output Pathway

ISC-PRIME

## Tabular Printed Outputs

| Short Term Averaging Period | RECTABLE<br>Highest Values Table  |   |   |   |   |   |   |   |   |   | MAXTABLE<br>Maximum Values Table | DAYTABLE<br>Daily Values Table |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|----------------------------------|--------------------------------|
|                             | 1st   | 2nd   | 3rd   | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  |                                  |                                |
| ALL                         |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |
| 1                           |  |  |  |  |  |  |  |  |  |  | 50                               | No                             |

# Output Pathway

ISC-PRIME

## Contour Plot Files (PLOTFILE)

Path for PLOTFILES: SRT\_1999.PR

| Averaging Period | Source Group ID | High Value | File Name    |
|------------------|-----------------|------------|--------------|
| 1                | ALL             | 1st        | 01H1GALL.PLT |
| Period           | ALL             | N/A        | PE00GALL.PLT |



# Control Pathway

ISC-PRIME

## Dispersion Options

|  |  |
|--|--|
| <b>Titles</b><br>DISPERSION ATMOSPHERIQUE DES SRT (STE-SOPHIE - ANNÉE MÉTÉO 2000)  |  |
| <b>Dispersion Options</b><br><input checked="" type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options | <b>Dispersion Coefficient</b><br>Rural   |
|  | <b>Output Type</b><br><input checked="" type="checkbox"/> Concentration<br><input type="checkbox"/> Total Deposition (Dry & Wet)<br><input type="checkbox"/> Dry Deposition<br><input type="checkbox"/> Wet Deposition |
|  | <b>Plume Depletion</b><br><input type="checkbox"/> Dry Removal<br><input type="checkbox"/> Wet Removal   |
|  |  |

## Pollutant / Averaging Time / Terrain Options

|  |   |
|--|---|
| <b>Pollutant Type</b><br>OTHER - SRT   | <b>Exponential Decay</b><br>Option not available  |
| <b>Averaging Time Options</b><br>Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24<br><input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual | <b>Terrain Height Options</b><br><input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated      SO: Meters<br>RE: Meters<br>TG: Meters |
| <b>Flagpole Receptors</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Default Height = 1,50 m  | <b>Terrain Calculation Algorithms</b><br>Simple + Complex Terrain   |

# Source Pathway - Source Inputs

ISC-PRIME

## Point Sources

| Source Type | Source ID | X Coordinate [m]                               | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|-------------|-----------|--|------------------|---------------------------|--------------------|---------------------|--------------------|-------------------------|---------------------------|
| POINT       | T2600     | 273499.00<br>torchère 2600 scfm                | 5070560.00       | 74,60                     | 12,19              | 0,00200             | 1 144,00           | 8,65                    | 3,05                      |
|             | TOR_NO1   | 272780.00<br>torchère 3300 scfm proposée (No1) | 5071400.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | TOR_NO2   | 272787.00<br>torchère 3300 scfm proposée (No2) | 5071389.00       | 74,30                     | 12,19              | 0,00220             | 1 144,00           | 8,21                    | 3,35                      |
|             | T5500     | 272783.00<br>Torchère T5500 scfm existante     | 5071396.00       | 74,30                     | 18,29              | 0,00450             | 1 144,00           | 11,85                   | 3,96                      |

## Volume Sources

No Volume Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Area Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/(s·m <sup>2</sup> )] | Length of X Side [m] | Length of Y Side [m] | Orientation Angle from North [deg] | Initial Vertical Dim. [m] |
|-------------|-----------|------------------|------------------|---------------------------|--------------------|---------------------------------------|----------------------|----------------------|------------------------------------|---------------------------|
| AREA        | ZONE3A_1  | 273877.00        | 5070912.00       | 75,60                     | 0,00               | 1.33E-008                             | 341,00               | 952,00               | -41,79                             |                           |
|             | ZONE3A_2  | 273356.70        | 5071237.83       | 76,00                     | 0,00               | 1.33E-008                             | 159,00               | 267,00               | -43,00                             |                           |
|             | ZONE2A    | 273501.00        | 5070555.00       | 74,50                     | 0,00               | 9.60E-009                             | 490,00               | 598,00               | -43,00                             |                           |
|             | ZONE1A    | 273105.40        | 5071003.30       | 74,50                     | 0,00               | 9.57E-009                             | 309,00               | 471,00               | -43,00                             |                           |
|             | ZONE4     | 272796.70        | 5070601.06       | 74,50                     | 0,00               | 1.33E-008                             | 479,00               | 648,00               | -44,00                             |                           |
|             | ZONE5_A   | 273126.08        | 5070249.41       | 75,50                     | 0,00               | 5.06E-008                             | 479,00               | 486,57               | -44,00                             |                           |
|             | ZONE5_B   | 272645.00        | 5069788.00       | 75,50                     | 0,00               | 5.06E-008                             | 666,46               | 485,58               | -44,00                             |                           |
|             | ZONE5_C   | 272297.27        | 5070128.98       | 76,00                     | 0,00               | 5.06E-008                             | 768,00               | 648,99               | -43,60                             |                           |

## Open Pit Sources

No Open Pit Sources Specified

## Circular Area Sources

No Circular Area Sources Specified

## Polygon Area Sources

No Polygon Area Sources Specified

## Flare Sources

No Flare Sources Specified

# Source Pathway - Source Inputs

ISC-PRIME

## Line Sources

No Line Sources Specified

# Source Pathway

ISC-PRIME

## Building Downwash Information

Option not in use

## Emission Rate Units for Output

### For Concentration

|                           |                 |
|---------------------------|-----------------|
| Unit Factor:              | 1E6             |
| Emission Unit Label:      | GRAMS/SEC       |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Data for Particulates

Option not in use

## Variable Emission Rate

### Seasonally Emission Rate Variation

Option not in use

### Monthly Emission Rate Variation

Option not in use

### Hourly Emission Rate Variation

Option not in use

### Wind Speed / Stability Category Emission Rate Variation

Option not in use

### Season / Hour-of-Day Emission Rate Variation

Option not in use



# Receptor Pathway

ISC-PRIME

## Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)  
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

### Uniform Cartesian Grid

Option not in use

### Non-Uniform Cartesian Grid

Option not in use

### Uniform Polar Grid

Option not in use

### Non-Uniform Polar Grid

Option not in use

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 269009.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 2             | 269209.00                     | 5068125.00                    |                          | 73.17                            | 0.00                               |
| 3             | 269409.00                     | 5068125.00                    |                          | 73.40                            | 0.00                               |
| 4             | 269609.00                     | 5068125.00                    |                          | 73.64                            | 0.00                               |
| 5             | 269809.00                     | 5068125.00                    |                          | 73.87                            | 0.00                               |
| 6             | 270009.00                     | 5068125.00                    |                          | 73.47                            | 0.00                               |
| 7             | 270209.00                     | 5068125.00                    |                          | 72.93                            | 0.00                               |
| 8             | 270409.00                     | 5068125.00                    |                          | 72.02                            | 0.00                               |
| 9             | 270609.00                     | 5068125.00                    |                          | 71.33                            | 0.00                               |
| 10            | 270809.00                     | 5068125.00                    |                          | 70.52                            | 0.00                               |
| 11            | 271009.00                     | 5068125.00                    |                          | 70.29                            | 0.00                               |
| 12            | 271209.00                     | 5068125.00                    |                          | 70.36                            | 0.00                               |
| 13            | 271409.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 14            | 271609.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 15            | 271809.00                     | 5068125.00                    |                          | 70.00                            | 0.00                               |
| 16            | 272009.00                     | 5068125.00                    |                          | 70.02                            | 0.00                               |
| 17            | 272209.00                     | 5068125.00                    |                          | 70.64                            | 0.00                               |
| 18            | 272409.00                     | 5068125.00                    |                          | 70.70                            | 0.00                               |
| 19            | 272609.00                     | 5068125.00                    |                          | 70.67                            | 0.00                               |
| 20            | 272809.00                     | 5068125.00                    |                          | 70.56                            | 0.00                               |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 21 | 273009.00 | 5068125.00 |  | 70.00 | 0.00 |
| 22 | 273209.00 | 5068125.00 |  | 69.91 | 0.00 |
| 23 | 273409.00 | 5068125.00 |  | 68.86 | 0.00 |
| 24 | 273609.00 | 5068125.00 |  | 67.81 | 0.00 |
| 25 | 273809.00 | 5068125.00 |  | 66.76 | 0.00 |
| 26 | 274009.00 | 5068125.00 |  | 65.71 | 0.00 |
| 27 | 274209.00 | 5068125.00 |  | 64.66 | 0.00 |
| 28 | 274409.00 | 5068125.00 |  | 63.62 | 0.00 |
| 29 | 274609.00 | 5068125.00 |  | 62.56 | 0.00 |
| 30 | 274809.00 | 5068125.00 |  | 61.83 | 0.00 |
| 31 | 275009.00 | 5068125.00 |  | 61.37 | 0.00 |
| 32 | 275209.00 | 5068125.00 |  | 61.28 | 0.00 |
| 33 | 275409.00 | 5068125.00 |  | 60.66 | 0.00 |
| 34 | 275609.00 | 5068125.00 |  | 60.10 | 0.00 |
| 35 | 275809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 36 | 276009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 37 | 276209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 38 | 276409.00 | 5068125.00 |  | 60.00 | 0.00 |
| 39 | 276609.00 | 5068125.00 |  | 60.00 | 0.00 |
| 40 | 276809.00 | 5068125.00 |  | 60.00 | 0.00 |
| 41 | 277009.00 | 5068125.00 |  | 60.00 | 0.00 |
| 42 | 277209.00 | 5068125.00 |  | 60.00 | 0.00 |
| 43 | 269009.00 | 5068325.00 |  | 77.80 | 0.00 |
| 44 | 269209.00 | 5068325.00 |  | 76.80 | 0.00 |
| 45 | 269409.00 | 5068325.00 |  | 77.08 | 0.00 |
| 46 | 269609.00 | 5068325.00 |  | 77.31 | 0.00 |
| 47 | 269809.00 | 5068325.00 |  | 76.44 | 0.00 |
| 48 | 270009.00 | 5068325.00 |  | 76.07 | 0.00 |
| 49 | 270209.00 | 5068325.00 |  | 75.48 | 0.00 |
| 50 | 270409.00 | 5068325.00 |  | 74.63 | 0.00 |
| 51 | 270609.00 | 5068325.00 |  | 73.68 | 0.00 |
| 52 | 270809.00 | 5068325.00 |  | 72.73 | 0.00 |
| 53 | 271009.00 | 5068325.00 |  | 72.34 | 0.00 |
| 54 | 271209.00 | 5068325.00 |  | 72.46 | 0.00 |
| 55 | 271409.00 | 5068325.00 |  | 72.30 | 0.00 |
| 56 | 271609.00 | 5068325.00 |  | 71.59 | 0.00 |
| 57 | 271809.00 | 5068325.00 |  | 72.27 | 0.00 |
| 58 | 272009.00 | 5068325.00 |  | 72.77 | 0.00 |
| 59 | 272209.00 | 5068325.00 |  | 72.22 | 0.00 |

# Receptor Pathway

ISC-PRIME

|    |           |            |  |       |      |
|----|-----------|------------|--|-------|------|
| 60 | 272409.00 | 5068325.00 |  | 71.58 | 0.00 |
| 61 | 272609.00 | 5068325.00 |  | 71.50 | 0.00 |
| 62 | 272809.00 | 5068325.00 |  | 71.39 | 0.00 |
| 63 | 273009.00 | 5068325.00 |  | 71.11 | 0.00 |
| 64 | 273209.00 | 5068325.00 |  | 70.00 | 0.00 |
| 65 | 273409.00 | 5068325.00 |  | 70.00 | 0.00 |
| 66 | 273609.00 | 5068325.00 |  | 68.97 | 0.00 |
| 67 | 273809.00 | 5068325.00 |  | 67.92 | 0.00 |
| 68 | 274009.00 | 5068325.00 |  | 66.87 | 0.00 |
| 69 | 274209.00 | 5068325.00 |  | 65.85 | 0.00 |
| 70 | 274409.00 | 5068325.00 |  | 64.79 | 0.00 |
| 71 | 274609.00 | 5068325.00 |  | 63.99 | 0.00 |
| 72 | 274809.00 | 5068325.00 |  | 63.33 | 0.00 |
| 73 | 275009.00 | 5068325.00 |  | 62.66 | 0.00 |
| 74 | 275209.00 | 5068325.00 |  | 62.24 | 0.00 |
| 75 | 275409.00 | 5068325.00 |  | 61.62 | 0.00 |
| 76 | 275609.00 | 5068325.00 |  | 61.02 | 0.00 |
| 77 | 275809.00 | 5068325.00 |  | 60.46 | 0.00 |
| 78 | 276009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 79 | 276209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 80 | 276409.00 | 5068325.00 |  | 60.00 | 0.00 |
| 81 | 276609.00 | 5068325.00 |  | 60.00 | 0.00 |
| 82 | 276809.00 | 5068325.00 |  | 60.00 | 0.00 |
| 83 | 277009.00 | 5068325.00 |  | 60.00 | 0.00 |
| 84 | 277209.00 | 5068325.00 |  | 60.00 | 0.00 |
| 85 | 269009.00 | 5068525.00 |  | 80.00 | 0.00 |
| 86 | 269209.00 | 5068525.00 |  | 80.00 | 0.00 |
| 87 | 269409.00 | 5068525.00 |  | 80.00 | 0.00 |
| 88 | 269609.00 | 5068525.00 |  | 79.41 | 0.00 |
| 89 | 269809.00 | 5068525.00 |  | 78.84 | 0.00 |
| 90 | 270009.00 | 5068525.00 |  | 78.06 | 0.00 |
| 91 | 270209.00 | 5068525.00 |  | 77.50 | 0.00 |
| 92 | 270409.00 | 5068525.00 |  | 76.91 | 0.00 |
| 93 | 270609.00 | 5068525.00 |  | 75.96 | 0.00 |
| 94 | 270809.00 | 5068525.00 |  | 75.01 | 0.00 |
| 95 | 271009.00 | 5068525.00 |  | 74.08 | 0.00 |
| 96 | 271209.00 | 5068525.00 |  | 74.57 | 0.00 |
| 97 | 271409.00 | 5068525.00 |  | 74.69 | 0.00 |
| 98 | 271609.00 | 5068525.00 |  | 74.89 | 0.00 |

# Receptor Pathway

|     |           |            |  |       | ISC-PRIME |
|-----|-----------|------------|--|-------|-----------|
| 99  | 271809.00 | 5068525.00 |  | 75.39 | 0.00      |
| 100 | 272009.00 | 5068525.00 |  | 74.53 | 0.00      |
| 101 | 272209.00 | 5068525.00 |  | 73.57 | 0.00      |
| 102 | 272409.00 | 5068525.00 |  | 72.61 | 0.00      |
| 103 | 272609.00 | 5068525.00 |  | 71.03 | 0.00      |
| 104 | 272809.00 | 5068525.00 |  | 70.71 | 0.00      |
| 105 | 273009.00 | 5068525.00 |  | 71.15 | 0.00      |
| 106 | 273209.00 | 5068525.00 |  | 70.75 | 0.00      |
| 107 | 273409.00 | 5068525.00 |  | 70.03 | 0.00      |
| 108 | 273609.00 | 5068525.00 |  | 70.00 | 0.00      |
| 109 | 273809.00 | 5068525.00 |  | 69.13 | 0.00      |
| 110 | 274009.00 | 5068525.00 |  | 68.05 | 0.00      |
| 111 | 274209.00 | 5068525.00 |  | 67.02 | 0.00      |
| 112 | 274409.00 | 5068525.00 |  | 66.15 | 0.00      |
| 113 | 274609.00 | 5068525.00 |  | 65.48 | 0.00      |
| 114 | 274809.00 | 5068525.00 |  | 64.82 | 0.00      |
| 115 | 275009.00 | 5068525.00 |  | 63.97 | 0.00      |
| 116 | 275209.00 | 5068525.00 |  | 63.23 | 0.00      |
| 117 | 275409.00 | 5068525.00 |  | 62.59 | 0.00      |
| 118 | 275609.00 | 5068525.00 |  | 61.96 | 0.00      |
| 119 | 275809.00 | 5068525.00 |  | 61.38 | 0.00      |
| 120 | 276009.00 | 5068525.00 |  | 60.82 | 0.00      |
| 121 | 276209.00 | 5068525.00 |  | 60.25 | 0.00      |
| 122 | 276409.00 | 5068525.00 |  | 60.00 | 0.00      |
| 123 | 276609.00 | 5068525.00 |  | 60.00 | 0.00      |
| 124 | 276809.00 | 5068525.00 |  | 60.00 | 0.00      |
| 125 | 277009.00 | 5068525.00 |  | 60.64 | 0.00      |
| 126 | 277209.00 | 5068525.00 |  | 60.00 | 0.00      |
| 127 | 269009.00 | 5068725.00 |  | 79.74 | 0.00      |
| 128 | 269209.00 | 5068725.00 |  | 80.00 | 0.00      |
| 129 | 269409.00 | 5068725.00 |  | 80.00 | 0.00      |
| 130 | 269609.00 | 5068725.00 |  | 80.00 | 0.00      |
| 131 | 269809.00 | 5068725.00 |  | 79.97 | 0.00      |
| 132 | 270009.00 | 5068725.00 |  | 79.21 | 0.00      |
| 133 | 270209.00 | 5068725.00 |  | 78.72 | 0.00      |
| 134 | 270409.00 | 5068725.00 |  | 78.29 | 0.00      |
| 135 | 270609.00 | 5068725.00 |  | 77.87 | 0.00      |
| 136 | 270809.00 | 5068725.00 |  | 77.30 | 0.00      |
| 137 | 271009.00 | 5068725.00 |  | 76.35 | 0.00      |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 138 | 271209.00 | 5068725.00 |  | 76.08 | 0.00 |
| 139 | 271409.00 | 5068725.00 |  | 76.65 | 0.00 |
| 140 | 271609.00 | 5068725.00 |  | 76.66 | 0.00 |
| 141 | 271809.00 | 5068725.00 |  | 76.18 | 0.00 |
| 142 | 272009.00 | 5068725.00 |  | 75.22 | 0.00 |
| 143 | 272209.00 | 5068725.00 |  | 74.26 | 0.00 |
| 144 | 272409.00 | 5068725.00 |  | 73.25 | 0.00 |
| 145 | 272609.00 | 5068725.00 |  | 71.76 | 0.00 |
| 146 | 272809.00 | 5068725.00 |  | 69.90 | 0.00 |
| 147 | 273009.00 | 5068725.00 |  | 68.05 | 0.00 |
| 148 | 273209.00 | 5068725.00 |  | 67.56 | 0.00 |
| 149 | 273409.00 | 5068725.00 |  | 68.77 | 0.00 |
| 150 | 273609.00 | 5068725.00 |  | 70.10 | 0.00 |
| 151 | 273809.00 | 5068725.00 |  | 70.00 | 0.00 |
| 152 | 274009.00 | 5068725.00 |  | 69.25 | 0.00 |
| 153 | 274209.00 | 5068725.00 |  | 68.31 | 0.00 |
| 154 | 274409.00 | 5068725.00 |  | 67.64 | 0.00 |
| 155 | 274609.00 | 5068725.00 |  | 66.74 | 0.00 |
| 156 | 274809.00 | 5068725.00 |  | 65.86 | 0.00 |
| 157 | 275009.00 | 5068725.00 |  | 65.02 | 0.00 |
| 158 | 275209.00 | 5068725.00 |  | 64.30 | 0.00 |
| 159 | 275409.00 | 5068725.00 |  | 63.61 | 0.00 |
| 160 | 275609.00 | 5068725.00 |  | 62.93 | 0.00 |
| 161 | 275809.00 | 5068725.00 |  | 62.31 | 0.00 |
| 162 | 276009.00 | 5068725.00 |  | 61.74 | 0.00 |
| 163 | 276209.00 | 5068725.00 |  | 61.18 | 0.00 |
| 164 | 276409.00 | 5068725.00 |  | 60.62 | 0.00 |
| 165 | 276609.00 | 5068725.00 |  | 60.05 | 0.00 |
| 166 | 276809.00 | 5068725.00 |  | 60.00 | 0.00 |
| 167 | 277009.00 | 5068725.00 |  | 60.00 | 0.00 |
| 168 | 277209.00 | 5068725.00 |  | 60.00 | 0.00 |
| 169 | 269009.00 | 5068925.00 |  | 79.12 | 0.00 |
| 170 | 269209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 171 | 269409.00 | 5068925.00 |  | 80.00 | 0.00 |
| 172 | 269609.00 | 5068925.00 |  | 80.00 | 0.00 |
| 173 | 269809.00 | 5068925.00 |  | 80.17 | 0.00 |
| 174 | 270009.00 | 5068925.00 |  | 79.99 | 0.00 |
| 175 | 270209.00 | 5068925.00 |  | 79.66 | 0.00 |
| 176 | 270409.00 | 5068925.00 |  | 79.33 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 177 | 270609.00 | 5068925.00 |  | 79.01 | 0.00 |
| 178 | 270809.00 | 5068925.00 |  | 78.66 | 0.00 |
| 179 | 271009.00 | 5068925.00 |  | 78.24 | 0.00 |
| 180 | 271209.00 | 5068925.00 |  | 77.68 | 0.00 |
| 181 | 271409.00 | 5068925.00 |  | 77.56 | 0.00 |
| 182 | 271609.00 | 5068925.00 |  | 77.18 | 0.00 |
| 183 | 271809.00 | 5068925.00 |  | 76.79 | 0.00 |
| 184 | 272009.00 | 5068925.00 |  | 75.91 | 0.00 |
| 185 | 272209.00 | 5068925.00 |  | 74.95 | 0.00 |
| 186 | 272409.00 | 5068925.00 |  | 73.87 | 0.00 |
| 187 | 272609.00 | 5068925.00 |  | 72.49 | 0.00 |
| 188 | 272809.00 | 5068925.00 |  | 70.64 | 0.00 |
| 189 | 273009.00 | 5068925.00 |  | 68.78 | 0.00 |
| 190 | 273209.00 | 5068925.00 |  | 69.29 | 0.00 |
| 191 | 273409.00 | 5068925.00 |  | 70.66 | 0.00 |
| 192 | 273609.00 | 5068925.00 |  | 71.32 | 0.00 |
| 193 | 273809.00 | 5068925.00 |  | 70.94 | 0.00 |
| 194 | 274009.00 | 5068925.00 |  | 70.33 | 0.00 |
| 195 | 274209.00 | 5068925.00 |  | 69.51 | 0.00 |
| 196 | 274409.00 | 5068925.00 |  | 68.64 | 0.00 |
| 197 | 274609.00 | 5068925.00 |  | 67.75 | 0.00 |
| 198 | 274809.00 | 5068925.00 |  | 66.91 | 0.00 |
| 199 | 275009.00 | 5068925.00 |  | 66.06 | 0.00 |
| 200 | 275209.00 | 5068925.00 |  | 65.37 | 0.00 |
| 201 | 275409.00 | 5068925.00 |  | 64.68 | 0.00 |
| 202 | 275609.00 | 5068925.00 |  | 63.99 | 0.00 |
| 203 | 275809.00 | 5068925.00 |  | 63.30 | 0.00 |
| 204 | 276009.00 | 5068925.00 |  | 62.67 | 0.00 |
| 205 | 276209.00 | 5068925.00 |  | 62.06 | 0.00 |
| 206 | 276409.00 | 5068925.00 |  | 61.44 | 0.00 |
| 207 | 276609.00 | 5068925.00 |  | 60.81 | 0.00 |
| 208 | 276809.00 | 5068925.00 |  | 60.71 | 0.00 |
| 209 | 277009.00 | 5068925.00 |  | 60.58 | 0.00 |
| 210 | 277209.00 | 5068925.00 |  | 60.75 | 0.00 |
| 211 | 269009.00 | 5069125.00 |  | 78.59 | 0.00 |
| 212 | 269209.00 | 5069125.00 |  | 79.49 | 0.00 |
| 213 | 269409.00 | 5069125.00 |  | 80.00 | 0.00 |
| 214 | 269609.00 | 5069125.00 |  | 80.40 | 0.00 |
| 215 | 269809.00 | 5069125.00 |  | 80.81 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 216 | 270009.00 | 5069125.00 |  | 80.00 | 0.00 |
| 217 | 270209.00 | 5069125.00 |  | 79.79 | 0.00 |
| 218 | 270409.00 | 5069125.00 |  | 79.47 | 0.00 |
| 219 | 270609.00 | 5069125.00 |  | 79.14 | 0.00 |
| 220 | 270809.00 | 5069125.00 |  | 78.81 | 0.00 |
| 221 | 271009.00 | 5069125.00 |  | 78.48 | 0.00 |
| 222 | 271209.00 | 5069125.00 |  | 76.25 | 0.00 |
| 223 | 271409.00 | 5069125.00 |  | 77.62 | 0.00 |
| 224 | 271609.00 | 5069125.00 |  | 77.69 | 0.00 |
| 225 | 271809.00 | 5069125.00 |  | 77.31 | 0.00 |
| 226 | 272009.00 | 5069125.00 |  | 76.60 | 0.00 |
| 227 | 272209.00 | 5069125.00 |  | 75.62 | 0.00 |
| 228 | 272409.00 | 5069125.00 |  | 74.49 | 0.00 |
| 229 | 272609.00 | 5069125.00 |  | 73.23 | 0.00 |
| 230 | 272809.00 | 5069125.00 |  | 71.37 | 0.00 |
| 231 | 273009.00 | 5069125.00 |  | 70.22 | 0.00 |
| 232 | 273209.00 | 5069125.00 |  | 71.17 | 0.00 |
| 233 | 273409.00 | 5069125.00 |  | 72.54 | 0.00 |
| 234 | 273609.00 | 5069125.00 |  | 72.52 | 0.00 |
| 235 | 273809.00 | 5069125.00 |  | 71.94 | 0.00 |
| 236 | 274009.00 | 5069125.00 |  | 71.16 | 0.00 |
| 237 | 274209.00 | 5069125.00 |  | 70.42 | 0.00 |
| 238 | 274409.00 | 5069125.00 |  | 69.64 | 0.00 |
| 239 | 274609.00 | 5069125.00 |  | 68.77 | 0.00 |
| 240 | 274809.00 | 5069125.00 |  | 67.98 | 0.00 |
| 241 | 275009.00 | 5069125.00 |  | 67.13 | 0.00 |
| 242 | 275209.00 | 5069125.00 |  | 66.44 | 0.00 |
| 243 | 275409.00 | 5069125.00 |  | 65.75 | 0.00 |
| 244 | 275609.00 | 5069125.00 |  | 65.06 | 0.00 |
| 245 | 275809.00 | 5069125.00 |  | 64.31 | 0.00 |
| 246 | 276009.00 | 5069125.00 |  | 63.51 | 0.00 |
| 247 | 276209.00 | 5069125.00 |  | 62.81 | 0.00 |
| 248 | 276409.00 | 5069125.00 |  | 62.18 | 0.00 |
| 249 | 276609.00 | 5069125.00 |  | 61.56 | 0.00 |
| 250 | 276809.00 | 5069125.00 |  | 61.45 | 0.00 |
| 251 | 277009.00 | 5069125.00 |  | 61.54 | 0.00 |
| 252 | 277209.00 | 5069125.00 |  | 61.81 | 0.00 |
| 253 | 269009.00 | 5069325.00 |  | 78.72 | 0.00 |
| 254 | 269209.00 | 5069325.00 |  | 79.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 255 | 269409.00 | 5069325.00 |  | 80.00 | 0.00 |
| 256 | 269609.00 | 5069325.00 |  | 80.20 | 0.00 |
| 257 | 269809.00 | 5069325.00 |  | 80.09 | 0.00 |
| 258 | 270009.00 | 5069325.00 |  | 80.00 | 0.00 |
| 259 | 270209.00 | 5069325.00 |  | 79.93 | 0.00 |
| 260 | 270409.00 | 5069325.00 |  | 79.60 | 0.00 |
| 261 | 270609.00 | 5069325.00 |  | 79.27 | 0.00 |
| 262 | 270809.00 | 5069325.00 |  | 78.94 | 0.00 |
| 263 | 271009.00 | 5069325.00 |  | 78.21 | 0.00 |
| 264 | 271209.00 | 5069325.00 |  | 73.53 | 0.00 |
| 265 | 271409.00 | 5069325.00 |  | 75.29 | 0.00 |
| 266 | 271609.00 | 5069325.00 |  | 77.04 | 0.00 |
| 267 | 271809.00 | 5069325.00 |  | 77.82 | 0.00 |
| 268 | 272009.00 | 5069325.00 |  | 77.28 | 0.00 |
| 269 | 272209.00 | 5069325.00 |  | 76.24 | 0.00 |
| 270 | 272409.00 | 5069325.00 |  | 75.11 | 0.00 |
| 271 | 272609.00 | 5069325.00 |  | 73.96 | 0.00 |
| 272 | 272809.00 | 5069325.00 |  | 72.11 | 0.00 |
| 273 | 273009.00 | 5069325.00 |  | 72.18 | 0.00 |
| 274 | 273209.00 | 5069325.00 |  | 73.09 | 0.00 |
| 275 | 273409.00 | 5069325.00 |  | 74.10 | 0.00 |
| 276 | 273609.00 | 5069325.00 |  | 73.54 | 0.00 |
| 277 | 273809.00 | 5069325.00 |  | 72.79 | 0.00 |
| 278 | 274009.00 | 5069325.00 |  | 72.01 | 0.00 |
| 279 | 274209.00 | 5069325.00 |  | 71.16 | 0.00 |
| 280 | 274409.00 | 5069325.00 |  | 70.31 | 0.00 |
| 281 | 274609.00 | 5069325.00 |  | 69.87 | 0.00 |
| 282 | 274809.00 | 5069325.00 |  | 68.99 | 0.00 |
| 283 | 275009.00 | 5069325.00 |  | 68.20 | 0.00 |
| 284 | 275209.00 | 5069325.00 |  | 67.51 | 0.00 |
| 285 | 275409.00 | 5069325.00 |  | 66.79 | 0.00 |
| 286 | 275609.00 | 5069325.00 |  | 66.01 | 0.00 |
| 287 | 275809.00 | 5069325.00 |  | 65.25 | 0.00 |
| 288 | 276009.00 | 5069325.00 |  | 64.42 | 0.00 |
| 289 | 276209.00 | 5069325.00 |  | 63.59 | 0.00 |
| 290 | 276409.00 | 5069325.00 |  | 62.93 | 0.00 |
| 291 | 276609.00 | 5069325.00 |  | 62.32 | 0.00 |
| 292 | 276809.00 | 5069325.00 |  | 62.23 | 0.00 |
| 293 | 277009.00 | 5069325.00 |  | 62.50 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 294 | 277209.00 | 5069325.00 |  | 62.76 | 0.00 |
| 295 | 269009.00 | 5069525.00 |  | 79.03 | 0.00 |
| 296 | 269209.00 | 5069525.00 |  | 79.90 | 0.00 |
| 297 | 269409.00 | 5069525.00 |  | 79.93 | 0.00 |
| 298 | 269609.00 | 5069525.00 |  | 79.79 | 0.00 |
| 299 | 269809.00 | 5069525.00 |  | 80.00 | 0.00 |
| 300 | 270009.00 | 5069525.00 |  | 80.00 | 0.00 |
| 301 | 270209.00 | 5069525.00 |  | 80.00 | 0.00 |
| 302 | 270409.00 | 5069525.00 |  | 79.72 | 0.00 |
| 303 | 270609.00 | 5069525.00 |  | 79.42 | 0.00 |
| 304 | 270809.00 | 5069525.00 |  | 79.21 | 0.00 |
| 305 | 271009.00 | 5069525.00 |  | 75.03 | 0.00 |
| 306 | 271209.00 | 5069525.00 |  | 71.19 | 0.00 |
| 307 | 271409.00 | 5069525.00 |  | 72.95 | 0.00 |
| 308 | 271609.00 | 5069525.00 |  | 74.70 | 0.00 |
| 309 | 271809.00 | 5069525.00 |  | 76.46 | 0.00 |
| 310 | 272009.00 | 5069525.00 |  | 77.95 | 0.00 |
| 311 | 272209.00 | 5069525.00 |  | 76.86 | 0.00 |
| 312 | 272409.00 | 5069525.00 |  | 75.73 | 0.00 |
| 313 | 272609.00 | 5069525.00 |  | 74.60 | 0.00 |
| 314 | 272809.00 | 5069525.00 |  | 73.22 | 0.00 |
| 315 | 273009.00 | 5069525.00 |  | 74.13 | 0.00 |
| 316 | 273209.00 | 5069525.00 |  | 75.04 | 0.00 |
| 317 | 273409.00 | 5069525.00 |  | 75.16 | 0.00 |
| 318 | 273609.00 | 5069525.00 |  | 74.32 | 0.00 |
| 319 | 273809.00 | 5069525.00 |  | 73.43 | 0.00 |
| 320 | 274009.00 | 5069525.00 |  | 72.55 | 0.00 |
| 321 | 274209.00 | 5069525.00 |  | 71.81 | 0.00 |
| 322 | 274409.00 | 5069525.00 |  | 71.07 | 0.00 |
| 323 | 274609.00 | 5069525.00 |  | 70.33 | 0.00 |
| 324 | 274809.00 | 5069525.00 |  | 70.00 | 0.00 |
| 325 | 275009.00 | 5069525.00 |  | 69.25 | 0.00 |
| 326 | 275209.00 | 5069525.00 |  | 68.50 | 0.00 |
| 327 | 275409.00 | 5069525.00 |  | 67.71 | 0.00 |
| 328 | 275609.00 | 5069525.00 |  | 66.91 | 0.00 |
| 329 | 275809.00 | 5069525.00 |  | 66.15 | 0.00 |
| 330 | 276009.00 | 5069525.00 |  | 65.33 | 0.00 |
| 331 | 276209.00 | 5069525.00 |  | 64.50 | 0.00 |
| 332 | 276409.00 | 5069525.00 |  | 63.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 333 | 276609.00 | 5069525.00 |  | 63.09 | 0.00 |
| 334 | 276809.00 | 5069525.00 |  | 63.19 | 0.00 |
| 335 | 277009.00 | 5069525.00 |  | 63.45 | 0.00 |
| 336 | 277209.00 | 5069525.00 |  | 63.33 | 0.00 |
| 337 | 269009.00 | 5069725.00 |  | 79.37 | 0.00 |
| 338 | 269209.00 | 5069725.00 |  | 79.64 | 0.00 |
| 339 | 269409.00 | 5069725.00 |  | 79.33 | 0.00 |
| 340 | 269609.00 | 5069725.00 |  | 79.65 | 0.00 |
| 341 | 269809.00 | 5069725.00 |  | 80.00 | 0.00 |
| 342 | 270009.00 | 5069725.00 |  | 80.00 | 0.00 |
| 343 | 270209.00 | 5069725.00 |  | 80.00 | 0.00 |
| 344 | 270409.00 | 5069725.00 |  | 79.91 | 0.00 |
| 345 | 270609.00 | 5069725.00 |  | 79.70 | 0.00 |
| 346 | 270809.00 | 5069725.00 |  | 76.99 | 0.00 |
| 347 | 271009.00 | 5069725.00 |  | 71.85 | 0.00 |
| 348 | 271209.00 | 5069725.00 |  | 68.85 | 0.00 |
| 349 | 271409.00 | 5069725.00 |  | 70.61 | 0.00 |
| 350 | 271609.00 | 5069725.00 |  | 72.36 | 0.00 |
| 351 | 271809.00 | 5069725.00 |  | 74.24 | 0.00 |
| 352 | 272009.00 | 5069725.00 |  | 76.96 | 0.00 |
| 353 | 272209.00 | 5069725.00 |  | 76.30 | 0.00 |
| 354 | 272409.00 | 5069725.00 |  | 75.89 | 0.00 |
| 355 | 272609.00 | 5069725.00 |  | 75.22 | 0.00 |
| 356 | 272809.00 | 5069725.00 |  | 75.18 | 0.00 |
| 357 | 273009.00 | 5069725.00 |  | 75.73 | 0.00 |
| 358 | 273209.00 | 5069725.00 |  | 75.35 | 0.00 |
| 359 | 273409.00 | 5069725.00 |  | 76.29 | 0.00 |
| 360 | 273609.00 | 5069725.00 |  | 76.02 | 0.00 |
| 361 | 273809.00 | 5069725.00 |  | 75.28 | 0.00 |
| 362 | 274009.00 | 5069725.00 |  | 74.54 | 0.00 |
| 363 | 274209.00 | 5069725.00 |  | 73.80 | 0.00 |
| 364 | 274409.00 | 5069725.00 |  | 73.06 | 0.00 |
| 365 | 274609.00 | 5069725.00 |  | 72.38 | 0.00 |
| 366 | 274809.00 | 5069725.00 |  | 71.48 | 0.00 |
| 367 | 275009.00 | 5069725.00 |  | 70.27 | 0.00 |
| 368 | 275209.00 | 5069725.00 |  | 69.41 | 0.00 |
| 369 | 275409.00 | 5069725.00 |  | 68.59 | 0.00 |
| 370 | 275609.00 | 5069725.00 |  | 67.89 | 0.00 |
| 371 | 275809.00 | 5069725.00 |  | 67.06 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 372 | 276009.00 | 5069725.00 |  | 66.23 | 0.00 |
| 373 | 276209.00 | 5069725.00 |  | 65.41 | 0.00 |
| 374 | 276409.00 | 5069725.00 |  | 64.58 | 0.00 |
| 375 | 276609.00 | 5069725.00 |  | 63.88 | 0.00 |
| 376 | 276809.00 | 5069725.00 |  | 63.79 | 0.00 |
| 377 | 277009.00 | 5069725.00 |  | 63.63 | 0.00 |
| 378 | 277209.00 | 5069725.00 |  | 63.46 | 0.00 |
| 379 | 269009.00 | 5069925.00 |  | 79.34 | 0.00 |
| 380 | 269209.00 | 5069925.00 |  | 79.27 | 0.00 |
| 381 | 269409.00 | 5069925.00 |  | 78.90 | 0.00 |
| 382 | 269609.00 | 5069925.00 |  | 79.74 | 0.00 |
| 383 | 269809.00 | 5069925.00 |  | 80.00 | 0.00 |
| 384 | 270009.00 | 5069925.00 |  | 80.00 | 0.00 |
| 385 | 270209.00 | 5069925.00 |  | 80.00 | 0.00 |
| 386 | 270409.00 | 5069925.00 |  | 80.70 | 0.00 |
| 387 | 270609.00 | 5069925.00 |  | 78.95 | 0.00 |
| 388 | 270809.00 | 5069925.00 |  | 73.81 | 0.00 |
| 389 | 271009.00 | 5069925.00 |  | 68.67 | 0.00 |
| 390 | 271209.00 | 5069925.00 |  | 66.51 | 0.00 |
| 391 | 271409.00 | 5069925.00 |  | 68.27 | 0.00 |
| 392 | 271609.00 | 5069925.00 |  | 70.54 | 0.00 |
| 393 | 271809.00 | 5069925.00 |  | 73.26 | 0.00 |
| 394 | 272009.00 | 5069925.00 |  | 75.98 | 0.00 |
| 395 | 272209.00 | 5069925.00 |  | 75.29 | 0.00 |
| 396 | 272409.00 | 5069925.00 |  | 74.34 | 0.00 |
| 397 | 273009.00 | 5069925.00 |  | 74.94 | 0.00 |
| 398 | 273209.00 | 5069925.00 |  | 74.93 | 0.00 |
| 399 | 273409.00 | 5069925.00 |  | 75.61 | 0.00 |
| 400 | 273609.00 | 5069925.00 |  | 76.64 | 0.00 |
| 401 | 273809.00 | 5069925.00 |  | 77.27 | 0.00 |
| 402 | 274009.00 | 5069925.00 |  | 76.53 | 0.00 |
| 403 | 274209.00 | 5069925.00 |  | 75.79 | 0.00 |
| 404 | 274409.00 | 5069925.00 |  | 75.04 | 0.00 |
| 405 | 274609.00 | 5069925.00 |  | 74.30 | 0.00 |
| 406 | 274809.00 | 5069925.00 |  | 73.08 | 0.00 |
| 407 | 275009.00 | 5069925.00 |  | 71.78 | 0.00 |
| 408 | 275209.00 | 5069925.00 |  | 70.44 | 0.00 |
| 409 | 275409.00 | 5069925.00 |  | 69.56 | 0.00 |
| 410 | 275609.00 | 5069925.00 |  | 68.80 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 411 | 275809.00 | 5069925.00 |  | 67.97 | 0.00 |
| 412 | 276009.00 | 5069925.00 |  | 67.12 | 0.00 |
| 413 | 276209.00 | 5069925.00 |  | 66.30 | 0.00 |
| 414 | 276409.00 | 5069925.00 |  | 65.47 | 0.00 |
| 415 | 276609.00 | 5069925.00 |  | 64.53 | 0.00 |
| 416 | 276809.00 | 5069925.00 |  | 63.93 | 0.00 |
| 417 | 277009.00 | 5069925.00 |  | 63.76 | 0.00 |
| 418 | 277209.00 | 5069925.00 |  | 63.60 | 0.00 |
| 419 | 269009.00 | 5070125.00 |  | 79.05 | 0.00 |
| 420 | 269209.00 | 5070125.00 |  | 79.19 | 0.00 |
| 421 | 269409.00 | 5070125.00 |  | 78.60 | 0.00 |
| 422 | 269609.00 | 5070125.00 |  | 79.50 | 0.00 |
| 423 | 269809.00 | 5070125.00 |  | 80.00 | 0.00 |
| 424 | 270009.00 | 5070125.00 |  | 80.00 | 0.00 |
| 425 | 270209.00 | 5070125.00 |  | 82.08 | 0.00 |
| 426 | 270409.00 | 5070125.00 |  | 85.97 | 0.00 |
| 427 | 270609.00 | 5070125.00 |  | 81.05 | 0.00 |
| 428 | 270809.00 | 5070125.00 |  | 72.57 | 0.00 |
| 429 | 271009.00 | 5070125.00 |  | 65.49 | 0.00 |
| 430 | 271209.00 | 5070125.00 |  | 64.17 | 0.00 |
| 431 | 271409.00 | 5070125.00 |  | 66.84 | 0.00 |
| 432 | 271609.00 | 5070125.00 |  | 69.57 | 0.00 |
| 433 | 271809.00 | 5070125.00 |  | 72.29 | 0.00 |
| 434 | 272009.00 | 5070125.00 |  | 75.01 | 0.00 |
| 435 | 272209.00 | 5070125.00 |  | 74.77 | 0.00 |
| 436 | 273209.00 | 5070125.00 |  | 74.24 | 0.00 |
| 437 | 273409.00 | 5070125.00 |  | 74.94 | 0.00 |
| 438 | 273609.00 | 5070125.00 |  | 75.97 | 0.00 |
| 439 | 273809.00 | 5070125.00 |  | 76.99 | 0.00 |
| 440 | 274009.00 | 5070125.00 |  | 78.02 | 0.00 |
| 441 | 274209.00 | 5070125.00 |  | 77.77 | 0.00 |
| 442 | 274409.00 | 5070125.00 |  | 77.07 | 0.00 |
| 443 | 274609.00 | 5070125.00 |  | 75.85 | 0.00 |
| 444 | 274809.00 | 5070125.00 |  | 74.52 | 0.00 |
| 445 | 275009.00 | 5070125.00 |  | 73.15 | 0.00 |
| 446 | 275209.00 | 5070125.00 |  | 71.74 | 0.00 |
| 447 | 275409.00 | 5070125.00 |  | 70.34 | 0.00 |
| 448 | 275609.00 | 5070125.00 |  | 69.63 | 0.00 |
| 449 | 275809.00 | 5070125.00 |  | 68.85 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 450 | 276009.00 | 5070125.00 |  | 68.04 | 0.00 |
| 451 | 276209.00 | 5070125.00 |  | 67.19 | 0.00 |
| 452 | 276409.00 | 5070125.00 |  | 66.26 | 0.00 |
| 453 | 276609.00 | 5070125.00 |  | 65.31 | 0.00 |
| 454 | 276809.00 | 5070125.00 |  | 64.36 | 0.00 |
| 455 | 277009.00 | 5070125.00 |  | 63.90 | 0.00 |
| 456 | 277209.00 | 5070125.00 |  | 63.73 | 0.00 |
| 457 | 269009.00 | 5070325.00 |  | 79.67 | 0.00 |
| 458 | 269209.00 | 5070325.00 |  | 79.15 | 0.00 |
| 459 | 269409.00 | 5070325.00 |  | 78.43 | 0.00 |
| 460 | 269609.00 | 5070325.00 |  | 78.28 | 0.00 |
| 461 | 269809.00 | 5070325.00 |  | 79.28 | 0.00 |
| 462 | 270009.00 | 5070325.00 |  | 80.00 | 0.00 |
| 463 | 270209.00 | 5070325.00 |  | 88.58 | 0.00 |
| 464 | 270409.00 | 5070325.00 |  | 90.00 | 0.00 |
| 465 | 270609.00 | 5070325.00 |  | 83.60 | 0.00 |
| 466 | 270809.00 | 5070325.00 |  | 75.31 | 0.00 |
| 467 | 271009.00 | 5070325.00 |  | 67.86 | 0.00 |
| 468 | 271209.00 | 5070325.00 |  | 65.72 | 0.00 |
| 469 | 271409.00 | 5070325.00 |  | 66.42 | 0.00 |
| 470 | 271609.00 | 5070325.00 |  | 68.59 | 0.00 |
| 471 | 271809.00 | 5070325.00 |  | 71.31 | 0.00 |
| 472 | 272009.00 | 5070325.00 |  | 74.03 | 0.00 |
| 473 | 273409.00 | 5070325.00 |  | 74.26 | 0.00 |
| 474 | 273609.00 | 5070325.00 |  | 75.29 | 0.00 |
| 475 | 273809.00 | 5070325.00 |  | 76.32 | 0.00 |
| 476 | 274009.00 | 5070325.00 |  | 77.34 | 0.00 |
| 477 | 274209.00 | 5070325.00 |  | 78.45 | 0.00 |
| 478 | 274409.00 | 5070325.00 |  | 78.49 | 0.00 |
| 479 | 274609.00 | 5070325.00 |  | 77.07 | 0.00 |
| 480 | 274809.00 | 5070325.00 |  | 75.66 | 0.00 |
| 481 | 275009.00 | 5070325.00 |  | 74.25 | 0.00 |
| 482 | 275209.00 | 5070325.00 |  | 72.84 | 0.00 |
| 483 | 275409.00 | 5070325.00 |  | 71.45 | 0.00 |
| 484 | 275609.00 | 5070325.00 |  | 70.74 | 0.00 |
| 485 | 275809.00 | 5070325.00 |  | 69.75 | 0.00 |
| 486 | 276009.00 | 5070325.00 |  | 68.91 | 0.00 |
| 487 | 276209.00 | 5070325.00 |  | 68.01 | 0.00 |
| 488 | 276409.00 | 5070325.00 |  | 67.03 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 489 | 276609.00 | 5070325.00 |  | 66.09 | 0.00 |
| 490 | 276809.00 | 5070325.00 |  | 65.14 | 0.00 |
| 491 | 277009.00 | 5070325.00 |  | 64.19 | 0.00 |
| 492 | 277209.00 | 5070325.00 |  | 63.87 | 0.00 |
| 493 | 269009.00 | 5070525.00 |  | 79.71 | 0.00 |
| 494 | 269209.00 | 5070525.00 |  | 79.22 | 0.00 |
| 495 | 269409.00 | 5070525.00 |  | 78.76 | 0.00 |
| 496 | 269609.00 | 5070525.00 |  | 78.37 | 0.00 |
| 497 | 269809.00 | 5070525.00 |  | 78.74 | 0.00 |
| 498 | 270009.00 | 5070525.00 |  | 79.85 | 0.00 |
| 499 | 270209.00 | 5070525.00 |  | 84.19 | 0.00 |
| 500 | 270409.00 | 5070525.00 |  | 90.00 | 0.00 |
| 501 | 270609.00 | 5070525.00 |  | 87.67 | 0.00 |
| 502 | 270809.00 | 5070525.00 |  | 80.65 | 0.00 |
| 503 | 271009.00 | 5070525.00 |  | 76.52 | 0.00 |
| 504 | 271209.00 | 5070525.00 |  | 73.23 | 0.00 |
| 505 | 271409.00 | 5070525.00 |  | 72.50 | 0.00 |
| 506 | 271609.00 | 5070525.00 |  | 72.03 | 0.00 |
| 507 | 271809.00 | 5070525.00 |  | 72.70 | 0.00 |
| 508 | 273609.00 | 5070525.00 |  | 74.99 | 0.00 |
| 509 | 273809.00 | 5070525.00 |  | 76.16 | 0.00 |
| 510 | 274009.00 | 5070525.00 |  | 77.32 | 0.00 |
| 511 | 274209.00 | 5070525.00 |  | 78.49 | 0.00 |
| 512 | 274409.00 | 5070525.00 |  | 78.75 | 0.00 |
| 513 | 274609.00 | 5070525.00 |  | 78.17 | 0.00 |
| 514 | 274809.00 | 5070525.00 |  | 76.76 | 0.00 |
| 515 | 275009.00 | 5070525.00 |  | 75.34 | 0.00 |
| 516 | 275209.00 | 5070525.00 |  | 73.93 | 0.00 |
| 517 | 275409.00 | 5070525.00 |  | 72.73 | 0.00 |
| 518 | 275609.00 | 5070525.00 |  | 71.84 | 0.00 |
| 519 | 275809.00 | 5070525.00 |  | 70.75 | 0.00 |
| 520 | 276009.00 | 5070525.00 |  | 69.74 | 0.00 |
| 521 | 276209.00 | 5070525.00 |  | 68.76 | 0.00 |
| 522 | 276409.00 | 5070525.00 |  | 67.81 | 0.00 |
| 523 | 276609.00 | 5070525.00 |  | 66.86 | 0.00 |
| 524 | 276809.00 | 5070525.00 |  | 65.91 | 0.00 |
| 525 | 277009.00 | 5070525.00 |  | 64.96 | 0.00 |
| 526 | 277209.00 | 5070525.00 |  | 64.04 | 0.00 |
| 527 | 269009.00 | 5070725.00 |  | 80.00 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 528 | 269209.00 | 5070725.00 |  | 79.64 | 0.00 |
| 529 | 269409.00 | 5070725.00 |  | 79.22 | 0.00 |
| 530 | 269609.00 | 5070725.00 |  | 78.96 | 0.00 |
| 531 | 269809.00 | 5070725.00 |  | 79.32 | 0.00 |
| 532 | 270009.00 | 5070725.00 |  | 79.80 | 0.00 |
| 533 | 270209.00 | 5070725.00 |  | 83.58 | 0.00 |
| 534 | 270409.00 | 5070725.00 |  | 90.00 | 0.00 |
| 535 | 270609.00 | 5070725.00 |  | 90.00 | 0.00 |
| 536 | 270809.00 | 5070725.00 |  | 88.46 | 0.00 |
| 537 | 271009.00 | 5070725.00 |  | 85.17 | 0.00 |
| 538 | 271209.00 | 5070725.00 |  | 81.88 | 0.00 |
| 539 | 271409.00 | 5070725.00 |  | 78.60 | 0.00 |
| 540 | 271609.00 | 5070725.00 |  | 79.28 | 0.00 |
| 541 | 271809.00 | 5070725.00 |  | 77.57 | 0.00 |
| 542 | 273809.00 | 5070725.00 |  | 76.19 | 0.00 |
| 543 | 274009.00 | 5070725.00 |  | 77.36 | 0.00 |
| 544 | 274209.00 | 5070725.00 |  | 78.52 | 0.00 |
| 545 | 274409.00 | 5070725.00 |  | 78.74 | 0.00 |
| 546 | 274609.00 | 5070725.00 |  | 78.30 | 0.00 |
| 547 | 274809.00 | 5070725.00 |  | 77.85 | 0.00 |
| 548 | 275009.00 | 5070725.00 |  | 76.44 | 0.00 |
| 549 | 275209.00 | 5070725.00 |  | 75.03 | 0.00 |
| 550 | 275409.00 | 5070725.00 |  | 74.01 | 0.00 |
| 551 | 275609.00 | 5070725.00 |  | 72.91 | 0.00 |
| 552 | 275809.00 | 5070725.00 |  | 71.77 | 0.00 |
| 553 | 276009.00 | 5070725.00 |  | 70.59 | 0.00 |
| 554 | 276209.00 | 5070725.00 |  | 69.53 | 0.00 |
| 555 | 276409.00 | 5070725.00 |  | 68.59 | 0.00 |
| 556 | 276609.00 | 5070725.00 |  | 67.63 | 0.00 |
| 557 | 276809.00 | 5070725.00 |  | 66.74 | 0.00 |
| 558 | 277009.00 | 5070725.00 |  | 65.90 | 0.00 |
| 559 | 277209.00 | 5070725.00 |  | 64.98 | 0.00 |
| 560 | 269009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 561 | 269209.00 | 5070925.00 |  | 80.00 | 0.00 |
| 562 | 269409.00 | 5070925.00 |  | 79.80 | 0.00 |
| 563 | 269609.00 | 5070925.00 |  | 79.55 | 0.00 |
| 564 | 269809.00 | 5070925.00 |  | 79.90 | 0.00 |
| 565 | 270009.00 | 5070925.00 |  | 80.00 | 0.00 |
| 566 | 270209.00 | 5070925.00 |  | 82.24 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 567 | 270409.00 | 5070925.00 |  | 90.00 | 0.00 |
| 568 | 270609.00 | 5070925.00 |  | 90.00 | 0.00 |
| 569 | 270809.00 | 5070925.00 |  | 89.84 | 0.00 |
| 570 | 271009.00 | 5070925.00 |  | 87.30 | 0.00 |
| 571 | 271209.00 | 5070925.00 |  | 85.08 | 0.00 |
| 572 | 271409.00 | 5070925.00 |  | 81.55 | 0.00 |
| 573 | 271609.00 | 5070925.00 |  | 80.21 | 0.00 |
| 574 | 271809.00 | 5070925.00 |  | 80.00 | 0.00 |
| 575 | 272009.00 | 5070925.00 |  | 79.32 | 0.00 |
| 576 | 274009.00 | 5070925.00 |  | 77.39 | 0.00 |
| 577 | 274209.00 | 5070925.00 |  | 78.56 | 0.00 |
| 578 | 274409.00 | 5070925.00 |  | 78.73 | 0.00 |
| 579 | 274609.00 | 5070925.00 |  | 78.28 | 0.00 |
| 580 | 274809.00 | 5070925.00 |  | 77.84 | 0.00 |
| 581 | 275009.00 | 5070925.00 |  | 77.40 | 0.00 |
| 582 | 275209.00 | 5070925.00 |  | 76.12 | 0.00 |
| 583 | 275409.00 | 5070925.00 |  | 75.07 | 0.00 |
| 584 | 275609.00 | 5070925.00 |  | 73.88 | 0.00 |
| 585 | 275809.00 | 5070925.00 |  | 72.71 | 0.00 |
| 586 | 276009.00 | 5070925.00 |  | 71.50 | 0.00 |
| 587 | 276209.00 | 5070925.00 |  | 70.32 | 0.00 |
| 588 | 276409.00 | 5070925.00 |  | 69.44 | 0.00 |
| 589 | 276609.00 | 5070925.00 |  | 68.55 | 0.00 |
| 590 | 276809.00 | 5070925.00 |  | 67.73 | 0.00 |
| 591 | 277009.00 | 5070925.00 |  | 66.89 | 0.00 |
| 592 | 277209.00 | 5070925.00 |  | 65.93 | 0.00 |
| 593 | 269009.00 | 5071125.00 |  | 83.50 | 0.00 |
| 594 | 269209.00 | 5071125.00 |  | 80.34 | 0.00 |
| 595 | 269409.00 | 5071125.00 |  | 80.12 | 0.00 |
| 596 | 269609.00 | 5071125.00 |  | 80.00 | 0.00 |
| 597 | 269809.00 | 5071125.00 |  | 80.00 | 0.00 |
| 598 | 270009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 599 | 270209.00 | 5071125.00 |  | 81.91 | 0.00 |
| 600 | 270409.00 | 5071125.00 |  | 87.07 | 0.00 |
| 601 | 270609.00 | 5071125.00 |  | 90.00 | 0.00 |
| 602 | 270809.00 | 5071125.00 |  | 90.00 | 0.00 |
| 603 | 271009.00 | 5071125.00 |  | 89.04 | 0.00 |
| 604 | 271209.00 | 5071125.00 |  | 84.54 | 0.00 |
| 605 | 271409.00 | 5071125.00 |  | 84.24 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 606 | 271609.00 | 5071125.00 |  | 82.85 | 0.00 |
| 607 | 271809.00 | 5071125.00 |  | 80.03 | 0.00 |
| 608 | 272009.00 | 5071125.00 |  | 80.00 | 0.00 |
| 609 | 272209.00 | 5071125.00 |  | 78.52 | 0.00 |
| 610 | 274209.00 | 5071125.00 |  | 78.59 | 0.00 |
| 611 | 274409.00 | 5071125.00 |  | 78.71 | 0.00 |
| 612 | 274609.00 | 5071125.00 |  | 78.27 | 0.00 |
| 613 | 274809.00 | 5071125.00 |  | 77.83 | 0.00 |
| 614 | 275009.00 | 5071125.00 |  | 77.38 | 0.00 |
| 615 | 275209.00 | 5071125.00 |  | 76.95 | 0.00 |
| 616 | 275409.00 | 5071125.00 |  | 75.91 | 0.00 |
| 617 | 275609.00 | 5071125.00 |  | 74.69 | 0.00 |
| 618 | 275809.00 | 5071125.00 |  | 73.47 | 0.00 |
| 619 | 276009.00 | 5071125.00 |  | 72.26 | 0.00 |
| 620 | 276209.00 | 5071125.00 |  | 71.18 | 0.00 |
| 621 | 276409.00 | 5071125.00 |  | 70.34 | 0.00 |
| 622 | 276609.00 | 5071125.00 |  | 69.55 | 0.00 |
| 623 | 276809.00 | 5071125.00 |  | 68.77 | 0.00 |
| 624 | 277009.00 | 5071125.00 |  | 67.86 | 0.00 |
| 625 | 277209.00 | 5071125.00 |  | 66.88 | 0.00 |
| 626 | 269009.00 | 5071325.00 |  | 86.87 | 0.00 |
| 627 | 269209.00 | 5071325.00 |  | 80.49 | 0.00 |
| 628 | 269409.00 | 5071325.00 |  | 80.40 | 0.00 |
| 629 | 269609.00 | 5071325.00 |  | 80.20 | 0.00 |
| 630 | 269809.00 | 5071325.00 |  | 80.00 | 0.00 |
| 631 | 270009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 632 | 270209.00 | 5071325.00 |  | 80.00 | 0.00 |
| 633 | 270409.00 | 5071325.00 |  | 82.30 | 0.00 |
| 634 | 270609.00 | 5071325.00 |  | 88.51 | 0.00 |
| 635 | 270809.00 | 5071325.00 |  | 92.82 | 0.00 |
| 636 | 271009.00 | 5071325.00 |  | 91.53 | 0.00 |
| 637 | 271209.00 | 5071325.00 |  | 90.00 | 0.00 |
| 638 | 271409.00 | 5071325.00 |  | 87.26 | 0.00 |
| 639 | 271609.00 | 5071325.00 |  | 84.37 | 0.00 |
| 640 | 271809.00 | 5071325.00 |  | 81.39 | 0.00 |
| 641 | 272009.00 | 5071325.00 |  | 80.00 | 0.00 |
| 642 | 272209.00 | 5071325.00 |  | 78.86 | 0.00 |
| 643 | 272409.00 | 5071325.00 |  | 77.15 | 0.00 |
| 644 | 274209.00 | 5071325.00 |  | 78.63 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 645 | 274409.00 | 5071325.00 |  | 78.70 | 0.00 |
| 646 | 274609.00 | 5071325.00 |  | 78.24 | 0.00 |
| 647 | 274809.00 | 5071325.00 |  | 77.77 | 0.00 |
| 648 | 275009.00 | 5071325.00 |  | 77.30 | 0.00 |
| 649 | 275209.00 | 5071325.00 |  | 76.90 | 0.00 |
| 650 | 275409.00 | 5071325.00 |  | 76.65 | 0.00 |
| 651 | 275609.00 | 5071325.00 |  | 75.45 | 0.00 |
| 652 | 275809.00 | 5071325.00 |  | 74.23 | 0.00 |
| 653 | 276009.00 | 5071325.00 |  | 73.02 | 0.00 |
| 654 | 276209.00 | 5071325.00 |  | 72.12 | 0.00 |
| 655 | 276409.00 | 5071325.00 |  | 71.32 | 0.00 |
| 656 | 276609.00 | 5071325.00 |  | 70.54 | 0.00 |
| 657 | 276809.00 | 5071325.00 |  | 69.73 | 0.00 |
| 658 | 277009.00 | 5071325.00 |  | 68.81 | 0.00 |
| 659 | 277209.00 | 5071325.00 |  | 67.82 | 0.00 |
| 660 | 269009.00 | 5071525.00 |  | 86.19 | 0.00 |
| 661 | 269209.00 | 5071525.00 |  | 80.84 | 0.00 |
| 662 | 269409.00 | 5071525.00 |  | 80.57 | 0.00 |
| 663 | 269609.00 | 5071525.00 |  | 80.25 | 0.00 |
| 664 | 269809.00 | 5071525.00 |  | 80.00 | 0.00 |
| 665 | 270009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 666 | 270209.00 | 5071525.00 |  | 80.00 | 0.00 |
| 667 | 270409.00 | 5071525.00 |  | 80.00 | 0.00 |
| 668 | 270609.00 | 5071525.00 |  | 84.96 | 0.00 |
| 669 | 270809.00 | 5071525.00 |  | 88.51 | 0.00 |
| 670 | 271009.00 | 5071525.00 |  | 90.00 | 0.00 |
| 671 | 271209.00 | 5071525.00 |  | 90.00 | 0.00 |
| 672 | 271409.00 | 5071525.00 |  | 87.51 | 0.00 |
| 673 | 271609.00 | 5071525.00 |  | 84.04 | 0.00 |
| 674 | 271809.00 | 5071525.00 |  | 80.88 | 0.00 |
| 675 | 272009.00 | 5071525.00 |  | 80.00 | 0.00 |
| 676 | 272209.00 | 5071525.00 |  | 79.79 | 0.00 |
| 677 | 272409.00 | 5071525.00 |  | 78.06 | 0.00 |
| 678 | 272609.00 | 5071525.00 |  | 76.48 | 0.00 |
| 679 | 274009.00 | 5071525.00 |  | 77.44 | 0.00 |
| 680 | 274209.00 | 5071525.00 |  | 78.38 | 0.00 |
| 681 | 274409.00 | 5071525.00 |  | 78.62 | 0.00 |
| 682 | 274609.00 | 5071525.00 |  | 78.15 | 0.00 |
| 683 | 274809.00 | 5071525.00 |  | 77.68 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 684 | 275009.00 | 5071525.00 |  | 77.21 | 0.00 |
| 685 | 275209.00 | 5071525.00 |  | 76.86 | 0.00 |
| 686 | 275409.00 | 5071525.00 |  | 76.60 | 0.00 |
| 687 | 275609.00 | 5071525.00 |  | 76.21 | 0.00 |
| 688 | 275809.00 | 5071525.00 |  | 74.99 | 0.00 |
| 689 | 276009.00 | 5071525.00 |  | 73.89 | 0.00 |
| 690 | 276209.00 | 5071525.00 |  | 73.08 | 0.00 |
| 691 | 276409.00 | 5071525.00 |  | 72.29 | 0.00 |
| 692 | 276609.00 | 5071525.00 |  | 71.46 | 0.00 |
| 693 | 276809.00 | 5071525.00 |  | 70.58 | 0.00 |
| 694 | 277009.00 | 5071525.00 |  | 69.66 | 0.00 |
| 695 | 277209.00 | 5071525.00 |  | 68.62 | 0.00 |
| 696 | 269009.00 | 5071725.00 |  | 83.51 | 0.00 |
| 697 | 269209.00 | 5071725.00 |  | 82.08 | 0.00 |
| 698 | 269409.00 | 5071725.00 |  | 80.98 | 0.00 |
| 699 | 269609.00 | 5071725.00 |  | 80.28 | 0.00 |
| 700 | 269809.00 | 5071725.00 |  | 80.00 | 0.00 |
| 701 | 270009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 702 | 270209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 703 | 270409.00 | 5071725.00 |  | 80.00 | 0.00 |
| 704 | 270609.00 | 5071725.00 |  | 80.58 | 0.00 |
| 705 | 270809.00 | 5071725.00 |  | 84.67 | 0.00 |
| 706 | 271009.00 | 5071725.00 |  | 87.86 | 0.00 |
| 707 | 271209.00 | 5071725.00 |  | 89.11 | 0.00 |
| 708 | 271409.00 | 5071725.00 |  | 86.23 | 0.00 |
| 709 | 271609.00 | 5071725.00 |  | 83.30 | 0.00 |
| 710 | 271809.00 | 5071725.00 |  | 80.56 | 0.00 |
| 711 | 272009.00 | 5071725.00 |  | 80.00 | 0.00 |
| 712 | 272209.00 | 5071725.00 |  | 80.00 | 0.00 |
| 713 | 272409.00 | 5071725.00 |  | 78.95 | 0.00 |
| 714 | 272609.00 | 5071725.00 |  | 77.52 | 0.00 |
| 715 | 272809.00 | 5071725.00 |  | 77.45 | 0.00 |
| 716 | 273809.00 | 5071725.00 |  | 76.00 | 0.00 |
| 717 | 274009.00 | 5071725.00 |  | 76.94 | 0.00 |
| 718 | 274209.00 | 5071725.00 |  | 77.82 | 0.00 |
| 719 | 274409.00 | 5071725.00 |  | 78.09 | 0.00 |
| 720 | 274609.00 | 5071725.00 |  | 78.06 | 0.00 |
| 721 | 274809.00 | 5071725.00 |  | 77.59 | 0.00 |
| 722 | 275009.00 | 5071725.00 |  | 77.12 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 723 | 275209.00 | 5071725.00 |  | 76.81 | 0.00 |
| 724 | 275409.00 | 5071725.00 |  | 76.55 | 0.00 |
| 725 | 275609.00 | 5071725.00 |  | 76.30 | 0.00 |
| 726 | 275809.00 | 5071725.00 |  | 75.75 | 0.00 |
| 727 | 276009.00 | 5071725.00 |  | 74.84 | 0.00 |
| 728 | 276209.00 | 5071725.00 |  | 73.97 | 0.00 |
| 729 | 276409.00 | 5071725.00 |  | 73.04 | 0.00 |
| 730 | 276609.00 | 5071725.00 |  | 72.15 | 0.00 |
| 731 | 276809.00 | 5071725.00 |  | 71.27 | 0.00 |
| 732 | 277009.00 | 5071725.00 |  | 70.38 | 0.00 |
| 733 | 277209.00 | 5071725.00 |  | 69.45 | 0.00 |
| 734 | 269009.00 | 5071925.00 |  | 85.79 | 0.00 |
| 735 | 269209.00 | 5071925.00 |  | 84.50 | 0.00 |
| 736 | 269409.00 | 5071925.00 |  | 83.40 | 0.00 |
| 737 | 269609.00 | 5071925.00 |  | 82.29 | 0.00 |
| 738 | 269809.00 | 5071925.00 |  | 80.26 | 0.00 |
| 739 | 270009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 740 | 270209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 741 | 270409.00 | 5071925.00 |  | 80.00 | 0.00 |
| 742 | 270609.00 | 5071925.00 |  | 80.00 | 0.00 |
| 743 | 270809.00 | 5071925.00 |  | 81.90 | 0.00 |
| 744 | 271009.00 | 5071925.00 |  | 84.79 | 0.00 |
| 745 | 271209.00 | 5071925.00 |  | 85.80 | 0.00 |
| 746 | 271409.00 | 5071925.00 |  | 82.94 | 0.00 |
| 747 | 271609.00 | 5071925.00 |  | 82.56 | 0.00 |
| 748 | 271809.00 | 5071925.00 |  | 81.45 | 0.00 |
| 749 | 272009.00 | 5071925.00 |  | 80.00 | 0.00 |
| 750 | 272209.00 | 5071925.00 |  | 80.00 | 0.00 |
| 751 | 272409.00 | 5071925.00 |  | 79.98 | 0.00 |
| 752 | 272609.00 | 5071925.00 |  | 78.61 | 0.00 |
| 753 | 272809.00 | 5071925.00 |  | 78.32 | 0.00 |
| 754 | 273009.00 | 5071925.00 |  | 77.77 | 0.00 |
| 755 | 273609.00 | 5071925.00 |  | 74.55 | 0.00 |
| 756 | 273809.00 | 5071925.00 |  | 75.49 | 0.00 |
| 757 | 274009.00 | 5071925.00 |  | 76.44 | 0.00 |
| 758 | 274209.00 | 5071925.00 |  | 77.25 | 0.00 |
| 759 | 274409.00 | 5071925.00 |  | 77.55 | 0.00 |
| 760 | 274609.00 | 5071925.00 |  | 77.53 | 0.00 |
| 761 | 274809.00 | 5071925.00 |  | 77.51 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 762 | 275009.00 | 5071925.00 |  | 77.04 | 0.00 |
| 763 | 275209.00 | 5071925.00 |  | 76.76 | 0.00 |
| 764 | 275409.00 | 5071925.00 |  | 76.51 | 0.00 |
| 765 | 275609.00 | 5071925.00 |  | 76.26 | 0.00 |
| 766 | 275809.00 | 5071925.00 |  | 76.02 | 0.00 |
| 767 | 276009.00 | 5071925.00 |  | 75.69 | 0.00 |
| 768 | 276209.00 | 5071925.00 |  | 74.80 | 0.00 |
| 769 | 276409.00 | 5071925.00 |  | 73.92 | 0.00 |
| 770 | 276609.00 | 5071925.00 |  | 73.04 | 0.00 |
| 771 | 276809.00 | 5071925.00 |  | 72.16 | 0.00 |
| 772 | 277009.00 | 5071925.00 |  | 71.21 | 0.00 |
| 773 | 277209.00 | 5071925.00 |  | 70.00 | 0.00 |
| 774 | 269009.00 | 5072125.00 |  | 88.26 | 0.00 |
| 775 | 269209.00 | 5072125.00 |  | 86.91 | 0.00 |
| 776 | 269409.00 | 5072125.00 |  | 85.81 | 0.00 |
| 777 | 269609.00 | 5072125.00 |  | 83.75 | 0.00 |
| 778 | 269809.00 | 5072125.00 |  | 81.10 | 0.00 |
| 779 | 270009.00 | 5072125.00 |  | 81.04 | 0.00 |
| 780 | 270209.00 | 5072125.00 |  | 80.79 | 0.00 |
| 781 | 270409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 782 | 270609.00 | 5072125.00 |  | 80.00 | 0.00 |
| 783 | 270809.00 | 5072125.00 |  | 80.00 | 0.00 |
| 784 | 271009.00 | 5072125.00 |  | 81.35 | 0.00 |
| 785 | 271209.00 | 5072125.00 |  | 82.49 | 0.00 |
| 786 | 271409.00 | 5072125.00 |  | 81.36 | 0.00 |
| 787 | 271609.00 | 5072125.00 |  | 81.13 | 0.00 |
| 788 | 271809.00 | 5072125.00 |  | 80.91 | 0.00 |
| 789 | 272009.00 | 5072125.00 |  | 80.00 | 0.00 |
| 790 | 272209.00 | 5072125.00 |  | 80.00 | 0.00 |
| 791 | 272409.00 | 5072125.00 |  | 80.00 | 0.00 |
| 792 | 272609.00 | 5072125.00 |  | 79.74 | 0.00 |
| 793 | 272809.00 | 5072125.00 |  | 79.19 | 0.00 |
| 794 | 273009.00 | 5072125.00 |  | 78.64 | 0.00 |
| 795 | 273209.00 | 5072125.00 |  | 77.54 | 0.00 |
| 796 | 273609.00 | 5072125.00 |  | 74.05 | 0.00 |
| 797 | 273809.00 | 5072125.00 |  | 74.99 | 0.00 |
| 798 | 274009.00 | 5072125.00 |  | 75.90 | 0.00 |
| 799 | 274209.00 | 5072125.00 |  | 76.69 | 0.00 |
| 800 | 274409.00 | 5072125.00 |  | 77.01 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 801 | 274609.00 | 5072125.00 |  | 76.99 | 0.00 |
| 802 | 274809.00 | 5072125.00 |  | 76.97 | 0.00 |
| 803 | 275009.00 | 5072125.00 |  | 76.98 | 0.00 |
| 804 | 275209.00 | 5072125.00 |  | 76.74 | 0.00 |
| 805 | 275409.00 | 5072125.00 |  | 76.50 | 0.00 |
| 806 | 275609.00 | 5072125.00 |  | 76.25 | 0.00 |
| 807 | 275809.00 | 5072125.00 |  | 76.01 | 0.00 |
| 808 | 276009.00 | 5072125.00 |  | 76.00 | 0.00 |
| 809 | 276209.00 | 5072125.00 |  | 75.70 | 0.00 |
| 810 | 276409.00 | 5072125.00 |  | 74.82 | 0.00 |
| 811 | 276609.00 | 5072125.00 |  | 73.94 | 0.00 |
| 812 | 276809.00 | 5072125.00 |  | 73.06 | 0.00 |
| 813 | 277009.00 | 5072125.00 |  | 72.02 | 0.00 |
| 814 | 277209.00 | 5072125.00 |  | 70.82 | 0.00 |
| 815 | 269009.00 | 5072325.00 |  | 90.00 | 0.00 |
| 816 | 269209.00 | 5072325.00 |  | 89.32 | 0.00 |
| 817 | 269409.00 | 5072325.00 |  | 87.38 | 0.00 |
| 818 | 269609.00 | 5072325.00 |  | 85.43 | 0.00 |
| 819 | 269809.00 | 5072325.00 |  | 83.89 | 0.00 |
| 820 | 270009.00 | 5072325.00 |  | 84.28 | 0.00 |
| 821 | 270209.00 | 5072325.00 |  | 83.43 | 0.00 |
| 822 | 270409.00 | 5072325.00 |  | 82.20 | 0.00 |
| 823 | 270609.00 | 5072325.00 |  | 80.47 | 0.00 |
| 824 | 270809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 825 | 271009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 826 | 271209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 827 | 271409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 828 | 271609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 829 | 271809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 830 | 272009.00 | 5072325.00 |  | 80.00 | 0.00 |
| 831 | 272209.00 | 5072325.00 |  | 80.00 | 0.00 |
| 832 | 272409.00 | 5072325.00 |  | 80.00 | 0.00 |
| 833 | 272609.00 | 5072325.00 |  | 80.00 | 0.00 |
| 834 | 272809.00 | 5072325.00 |  | 80.00 | 0.00 |
| 835 | 273009.00 | 5072325.00 |  | 79.52 | 0.00 |
| 836 | 273209.00 | 5072325.00 |  | 78.64 | 0.00 |
| 837 | 273409.00 | 5072325.00 |  | 76.73 | 0.00 |
| 838 | 273609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 839 | 273809.00 | 5072325.00 |  | 74.49 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 840 | 274009.00 | 5072325.00 |  | 75.33 | 0.00 |
| 841 | 274209.00 | 5072325.00 |  | 76.12 | 0.00 |
| 842 | 274409.00 | 5072325.00 |  | 76.47 | 0.00 |
| 843 | 274609.00 | 5072325.00 |  | 76.45 | 0.00 |
| 844 | 274809.00 | 5072325.00 |  | 76.63 | 0.00 |
| 845 | 275009.00 | 5072325.00 |  | 76.82 | 0.00 |
| 846 | 275209.00 | 5072325.00 |  | 76.73 | 0.00 |
| 847 | 275409.00 | 5072325.00 |  | 76.49 | 0.00 |
| 848 | 275609.00 | 5072325.00 |  | 76.25 | 0.00 |
| 849 | 275809.00 | 5072325.00 |  | 76.01 | 0.00 |
| 850 | 276009.00 | 5072325.00 |  | 76.00 | 0.00 |
| 851 | 276209.00 | 5072325.00 |  | 76.00 | 0.00 |
| 852 | 276409.00 | 5072325.00 |  | 75.71 | 0.00 |
| 853 | 276609.00 | 5072325.00 |  | 74.83 | 0.00 |
| 854 | 276809.00 | 5072325.00 |  | 73.95 | 0.00 |
| 855 | 277009.00 | 5072325.00 |  | 72.83 | 0.00 |
| 856 | 277209.00 | 5072325.00 |  | 71.88 | 0.00 |
| 857 | 269009.00 | 5072525.00 |  | 90.00 | 0.00 |
| 858 | 269209.00 | 5072525.00 |  | 90.00 | 0.00 |
| 859 | 269409.00 | 5072525.00 |  | 89.94 | 0.00 |
| 860 | 269609.00 | 5072525.00 |  | 87.87 | 0.00 |
| 861 | 269809.00 | 5072525.00 |  | 87.09 | 0.00 |
| 862 | 270009.00 | 5072525.00 |  | 87.05 | 0.00 |
| 863 | 270209.00 | 5072525.00 |  | 85.80 | 0.00 |
| 864 | 270409.00 | 5072525.00 |  | 83.80 | 0.00 |
| 865 | 270609.00 | 5072525.00 |  | 82.29 | 0.00 |
| 866 | 270809.00 | 5072525.00 |  | 80.41 | 0.00 |
| 867 | 271009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 868 | 271209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 869 | 271409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 870 | 271609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 871 | 271809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 872 | 272009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 873 | 272209.00 | 5072525.00 |  | 80.00 | 0.00 |
| 874 | 272409.00 | 5072525.00 |  | 80.00 | 0.00 |
| 875 | 272609.00 | 5072525.00 |  | 80.00 | 0.00 |
| 876 | 272809.00 | 5072525.00 |  | 80.00 | 0.00 |
| 877 | 273009.00 | 5072525.00 |  | 80.00 | 0.00 |
| 878 | 273209.00 | 5072525.00 |  | 79.73 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 879 | 273409.00 | 5072525.00 |  | 77.83 | 0.00 |
| 880 | 273609.00 | 5072525.00 |  | 75.98 | 0.00 |
| 881 | 273809.00 | 5072525.00 |  | 74.33 | 0.00 |
| 882 | 274009.00 | 5072525.00 |  | 75.15 | 0.00 |
| 883 | 274209.00 | 5072525.00 |  | 75.97 | 0.00 |
| 884 | 274409.00 | 5072525.00 |  | 76.08 | 0.00 |
| 885 | 274609.00 | 5072525.00 |  | 76.26 | 0.00 |
| 886 | 274809.00 | 5072525.00 |  | 76.45 | 0.00 |
| 887 | 275009.00 | 5072525.00 |  | 76.63 | 0.00 |
| 888 | 275209.00 | 5072525.00 |  | 76.58 | 0.00 |
| 889 | 275409.00 | 5072525.00 |  | 76.49 | 0.00 |
| 890 | 275609.00 | 5072525.00 |  | 76.25 | 0.00 |
| 891 | 275809.00 | 5072525.00 |  | 76.01 | 0.00 |
| 892 | 276009.00 | 5072525.00 |  | 76.00 | 0.00 |
| 893 | 276209.00 | 5072525.00 |  | 76.00 | 0.00 |
| 894 | 276409.00 | 5072525.00 |  | 76.00 | 0.00 |
| 895 | 276609.00 | 5072525.00 |  | 75.73 | 0.00 |
| 896 | 276809.00 | 5072525.00 |  | 74.84 | 0.00 |
| 897 | 277009.00 | 5072525.00 |  | 73.83 | 0.00 |
| 898 | 277209.00 | 5072525.00 |  | 72.99 | 0.00 |
| 899 | 269009.00 | 5072725.00 |  | 90.00 | 0.00 |
| 900 | 269209.00 | 5072725.00 |  | 90.00 | 0.00 |
| 901 | 269409.00 | 5072725.00 |  | 89.61 | 0.00 |
| 902 | 269609.00 | 5072725.00 |  | 90.00 | 0.00 |
| 903 | 269809.00 | 5072725.00 |  | 90.70 | 0.00 |
| 904 | 270009.00 | 5072725.00 |  | 89.40 | 0.00 |
| 905 | 270209.00 | 5072725.00 |  | 87.15 | 0.00 |
| 906 | 270409.00 | 5072725.00 |  | 85.39 | 0.00 |
| 907 | 270609.00 | 5072725.00 |  | 83.60 | 0.00 |
| 908 | 270809.00 | 5072725.00 |  | 81.03 | 0.00 |
| 909 | 271009.00 | 5072725.00 |  | 80.05 | 0.00 |
| 910 | 271209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 911 | 271409.00 | 5072725.00 |  | 80.00 | 0.00 |
| 912 | 271609.00 | 5072725.00 |  | 80.00 | 0.00 |
| 913 | 271809.00 | 5072725.00 |  | 80.00 | 0.00 |
| 914 | 272009.00 | 5072725.00 |  | 80.00 | 0.00 |
| 915 | 272209.00 | 5072725.00 |  | 80.01 | 0.00 |
| 916 | 272409.00 | 5072725.00 |  | 80.09 | 0.00 |
| 917 | 272609.00 | 5072725.00 |  | 80.16 | 0.00 |



# Receptor Pathway

ISC-PRIME

|     |           |            |  |       |      |
|-----|-----------|------------|--|-------|------|
| 918 | 272809.00 | 5072725.00 |  | 80.13 | 0.00 |
| 919 | 273009.00 | 5072725.00 |  | 80.04 | 0.00 |
| 920 | 273209.00 | 5072725.00 |  | 80.00 | 0.00 |
| 921 | 273409.00 | 5072725.00 |  | 79.70 | 0.00 |
| 922 | 273609.00 | 5072725.00 |  | 78.26 | 0.00 |
| 923 | 273809.00 | 5072725.00 |  | 77.38 | 0.00 |
| 924 | 274009.00 | 5072725.00 |  | 77.72 | 0.00 |
| 925 | 274209.00 | 5072725.00 |  | 74.58 | 0.00 |
| 926 | 274409.00 | 5072725.00 |  | 74.87 | 0.00 |
| 927 | 274609.00 | 5072725.00 |  | 76.08 | 0.00 |
| 928 | 274809.00 | 5072725.00 |  | 76.26 | 0.00 |
| 929 | 275009.00 | 5072725.00 |  | 76.45 | 0.00 |
| 930 | 275209.00 | 5072725.00 |  | 76.43 | 0.00 |
| 931 | 275409.00 | 5072725.00 |  | 76.34 | 0.00 |
| 932 | 275609.00 | 5072725.00 |  | 76.24 | 0.00 |
| 933 | 275809.00 | 5072725.00 |  | 76.00 | 0.00 |
| 934 | 276009.00 | 5072725.00 |  | 76.00 | 0.00 |
| 935 | 276209.00 | 5072725.00 |  | 76.00 | 0.00 |
| 936 | 276409.00 | 5072725.00 |  | 76.00 | 0.00 |
| 937 | 276609.00 | 5072725.00 |  | 76.00 | 0.00 |
| 938 | 276809.00 | 5072725.00 |  | 75.73 | 0.00 |
| 939 | 277009.00 | 5072725.00 |  | 74.79 | 0.00 |
| 940 | 277209.00 | 5072725.00 |  | 73.86 | 0.00 |
| 941 | 269009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 942 | 269209.00 | 5072925.00 |  | 90.00 | 0.00 |
| 943 | 269409.00 | 5072925.00 |  | 88.17 | 0.00 |
| 944 | 269609.00 | 5072925.00 |  | 90.00 | 0.00 |
| 945 | 269809.00 | 5072925.00 |  | 97.67 | 0.00 |
| 946 | 270009.00 | 5072925.00 |  | 90.00 | 0.00 |
| 947 | 270209.00 | 5072925.00 |  | 87.69 | 0.00 |
| 948 | 270409.00 | 5072925.00 |  | 85.10 | 0.00 |
| 949 | 270609.00 | 5072925.00 |  | 82.52 | 0.00 |
| 950 | 270809.00 | 5072925.00 |  | 80.00 | 0.00 |
| 951 | 271009.00 | 5072925.00 |  | 80.46 | 0.00 |
| 952 | 271209.00 | 5072925.00 |  | 80.06 | 0.00 |
| 953 | 271409.00 | 5072925.00 |  | 80.00 | 0.00 |
| 954 | 271609.00 | 5072925.00 |  | 80.00 | 0.00 |
| 955 | 271809.00 | 5072925.00 |  | 80.09 | 0.00 |
| 956 | 272009.00 | 5072925.00 |  | 80.19 | 0.00 |

# Receptor Pathway

ISC-PRIME

|     |           |            |  |        |      |
|-----|-----------|------------|--|--------|------|
| 957 | 272209.00 | 5072925.00 |  | 80.23  | 0.00 |
| 958 | 272409.00 | 5072925.00 |  | 80.30  | 0.00 |
| 959 | 272609.00 | 5072925.00 |  | 80.37  | 0.00 |
| 960 | 272809.00 | 5072925.00 |  | 80.35  | 0.00 |
| 961 | 273009.00 | 5072925.00 |  | 80.24  | 0.00 |
| 962 | 273209.00 | 5072925.00 |  | 80.10  | 0.00 |
| 963 | 273409.00 | 5072925.00 |  | 80.00  | 0.00 |
| 964 | 273609.00 | 5072925.00 |  | 80.00  | 0.00 |
| 965 | 273809.00 | 5072925.00 |  | 78.25  | 0.00 |
| 966 | 274009.00 | 5072925.00 |  | 75.10  | 0.00 |
| 967 | 274209.00 | 5072925.00 |  | 72.34  | 0.00 |
| 968 | 274409.00 | 5072925.00 |  | 72.94  | 0.00 |
| 969 | 274609.00 | 5072925.00 |  | 74.90  | 0.00 |
| 970 | 274809.00 | 5072925.00 |  | 76.08  | 0.00 |
| 971 | 275009.00 | 5072925.00 |  | 76.27  | 0.00 |
| 972 | 275209.00 | 5072925.00 |  | 76.27  | 0.00 |
| 973 | 275409.00 | 5072925.00 |  | 76.19  | 0.00 |
| 974 | 275609.00 | 5072925.00 |  | 76.10  | 0.00 |
| 975 | 275809.00 | 5072925.00 |  | 76.00  | 0.00 |
| 976 | 276009.00 | 5072925.00 |  | 75.96  | 0.00 |
| 977 | 276209.00 | 5072925.00 |  | 75.87  | 0.00 |
| 978 | 276409.00 | 5072925.00 |  | 75.79  | 0.00 |
| 979 | 276609.00 | 5072925.00 |  | 75.71  | 0.00 |
| 980 | 276809.00 | 5072925.00 |  | 75.65  | 0.00 |
| 981 | 277009.00 | 5072925.00 |  | 75.65  | 0.00 |
| 982 | 277209.00 | 5072925.00 |  | 74.72  | 0.00 |
| 983 | 269009.00 | 5073125.00 |  | 100.00 | 0.00 |
| 984 | 269209.00 | 5073125.00 |  | 97.27  | 0.00 |
| 985 | 269409.00 | 5073125.00 |  | 90.00  | 0.00 |
| 986 | 269609.00 | 5073125.00 |  | 90.00  | 0.00 |
| 987 | 269809.00 | 5073125.00 |  | 92.44  | 0.00 |
| 988 | 270009.00 | 5073125.00 |  | 89.31  | 0.00 |
| 989 | 270209.00 | 5073125.00 |  | 85.93  | 0.00 |
| 990 | 270409.00 | 5073125.00 |  | 84.01  | 0.00 |
| 991 | 270609.00 | 5073125.00 |  | 81.43  | 0.00 |
| 992 | 270809.00 | 5073125.00 |  | 80.27  | 0.00 |
| 993 | 271009.00 | 5073125.00 |  | 80.88  | 0.00 |
| 994 | 271209.00 | 5073125.00 |  | 80.44  | 0.00 |
| 995 | 271409.00 | 5073125.00 |  | 80.00  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 996   | 271609.00 | 5073125.00 |  | 80.17  | 0.00 |
| 997   | 271809.00 | 5073125.00 |  | 80.37  | 0.00 |
| 998   | 272009.00 | 5073125.00 |  | 80.46  | 0.00 |
| 999   | 272209.00 | 5073125.00 |  | 80.48  | 0.00 |
| 1,000 | 272409.00 | 5073125.00 |  | 80.50  | 0.00 |
| 1,001 | 272609.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,002 | 272809.00 | 5073125.00 |  | 80.58  | 0.00 |
| 1,003 | 273009.00 | 5073125.00 |  | 80.44  | 0.00 |
| 1,004 | 273209.00 | 5073125.00 |  | 80.27  | 0.00 |
| 1,005 | 273409.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,006 | 273609.00 | 5073125.00 |  | 80.00  | 0.00 |
| 1,007 | 273809.00 | 5073125.00 |  | 78.91  | 0.00 |
| 1,008 | 274009.00 | 5073125.00 |  | 72.66  | 0.00 |
| 1,009 | 274209.00 | 5073125.00 |  | 70.68  | 0.00 |
| 1,010 | 274409.00 | 5073125.00 |  | 71.03  | 0.00 |
| 1,011 | 274609.00 | 5073125.00 |  | 72.97  | 0.00 |
| 1,012 | 274809.00 | 5073125.00 |  | 74.92  | 0.00 |
| 1,013 | 275009.00 | 5073125.00 |  | 76.08  | 0.00 |
| 1,014 | 275209.00 | 5073125.00 |  | 76.12  | 0.00 |
| 1,015 | 275409.00 | 5073125.00 |  | 76.03  | 0.00 |
| 1,016 | 275609.00 | 5073125.00 |  | 75.47  | 0.00 |
| 1,017 | 275809.00 | 5073125.00 |  | 75.06  | 0.00 |
| 1,018 | 276009.00 | 5073125.00 |  | 75.60  | 0.00 |
| 1,019 | 276209.00 | 5073125.00 |  | 75.52  | 0.00 |
| 1,020 | 276409.00 | 5073125.00 |  | 75.43  | 0.00 |
| 1,021 | 276609.00 | 5073125.00 |  | 75.35  | 0.00 |
| 1,022 | 276809.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,023 | 277009.00 | 5073125.00 |  | 75.29  | 0.00 |
| 1,024 | 277209.00 | 5073125.00 |  | 75.30  | 0.00 |
| 1,025 | 269009.00 | 5073325.00 |  | 100.00 | 0.00 |
| 1,026 | 269209.00 | 5073325.00 |  | 97.47  | 0.00 |
| 1,027 | 269409.00 | 5073325.00 |  | 92.94  | 0.00 |
| 1,028 | 269609.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,029 | 269809.00 | 5073325.00 |  | 90.00  | 0.00 |
| 1,030 | 270009.00 | 5073325.00 |  | 88.17  | 0.00 |
| 1,031 | 270209.00 | 5073325.00 |  | 84.04  | 0.00 |
| 1,032 | 270409.00 | 5073325.00 |  | 81.71  | 0.00 |
| 1,033 | 270609.00 | 5073325.00 |  | 80.34  | 0.00 |
| 1,034 | 270809.00 | 5073325.00 |  | 80.43  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |  |        |      |
|-------|-----------|------------|--|--------|------|
| 1,035 | 271009.00 | 5073325.00 |  | 80.67  | 0.00 |
| 1,036 | 271209.00 | 5073325.00 |  | 80.26  | 0.00 |
| 1,037 | 271409.00 | 5073325.00 |  | 80.02  | 0.00 |
| 1,038 | 271609.00 | 5073325.00 |  | 80.36  | 0.00 |
| 1,039 | 271809.00 | 5073325.00 |  | 80.64  | 0.00 |
| 1,040 | 272009.00 | 5073325.00 |  | 80.72  | 0.00 |
| 1,041 | 272209.00 | 5073325.00 |  | 80.74  | 0.00 |
| 1,042 | 272409.00 | 5073325.00 |  | 80.76  | 0.00 |
| 1,043 | 272609.00 | 5073325.00 |  | 80.78  | 0.00 |
| 1,044 | 272809.00 | 5073325.00 |  | 80.79  | 0.00 |
| 1,045 | 273009.00 | 5073325.00 |  | 80.56  | 0.00 |
| 1,046 | 273209.00 | 5073325.00 |  | 80.19  | 0.00 |
| 1,047 | 273409.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,048 | 273609.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,049 | 273809.00 | 5073325.00 |  | 80.00  | 0.00 |
| 1,050 | 274009.00 | 5073325.00 |  | 77.00  | 0.00 |
| 1,051 | 274209.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,052 | 274409.00 | 5073325.00 |  | 70.00  | 0.00 |
| 1,053 | 274609.00 | 5073325.00 |  | 71.15  | 0.00 |
| 1,054 | 274809.00 | 5073325.00 |  | 73.06  | 0.00 |
| 1,055 | 275009.00 | 5073325.00 |  | 74.97  | 0.00 |
| 1,056 | 275209.00 | 5073325.00 |  | 75.63  | 0.00 |
| 1,057 | 275409.00 | 5073325.00 |  | 74.77  | 0.00 |
| 1,058 | 275609.00 | 5073325.00 |  | 73.90  | 0.00 |
| 1,059 | 275809.00 | 5073325.00 |  | 73.99  | 0.00 |
| 1,060 | 276009.00 | 5073325.00 |  | 74.62  | 0.00 |
| 1,061 | 276209.00 | 5073325.00 |  | 75.16  | 0.00 |
| 1,062 | 276409.00 | 5073325.00 |  | 75.08  | 0.00 |
| 1,063 | 276609.00 | 5073325.00 |  | 74.99  | 0.00 |
| 1,064 | 276809.00 | 5073325.00 |  | 74.93  | 0.00 |
| 1,065 | 277009.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,066 | 277209.00 | 5073325.00 |  | 74.94  | 0.00 |
| 1,067 | 269009.00 | 5073525.00 |  | 97.76  | 0.00 |
| 1,068 | 269209.00 | 5073525.00 |  | 91.01  | 0.00 |
| 1,069 | 269409.00 | 5073525.00 |  | 90.00  | 0.00 |
| 1,070 | 269609.00 | 5073525.00 |  | 95.02  | 0.00 |
| 1,071 | 269809.00 | 5073525.00 |  | 100.00 | 0.00 |
| 1,072 | 270009.00 | 5073525.00 |  | 87.41  | 0.00 |
| 1,073 | 270209.00 | 5073525.00 |  | 81.58  | 0.00 |

# Receptor Pathway

ISC-PRIME

|       |           |            |    |       |      |
|-------|-----------|------------|----|-------|------|
| 1,074 | 270409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,075 | 270609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,076 | 270809.00 | 5073525.00 |    | 80.12 | 0.00 |
| 1,077 | 271009.00 | 5073525.00 |    | 80.23 | 0.00 |
| 1,078 | 271209.00 | 5073525.00 |    | 80.02 | 0.00 |
| 1,079 | 271409.00 | 5073525.00 |    | 80.19 | 0.00 |
| 1,080 | 271609.00 | 5073525.00 |    | 80.53 | 0.00 |
| 1,081 | 271809.00 | 5073525.00 |    | 80.87 | 0.00 |
| 1,082 | 272009.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,083 | 272209.00 | 5073525.00 |    | 81.00 | 0.00 |
| 1,084 | 272409.00 | 5073525.00 |    | 80.98 | 0.00 |
| 1,085 | 272609.00 | 5073525.00 |    | 80.96 | 0.00 |
| 1,086 | 272809.00 | 5073525.00 |    | 80.85 | 0.00 |
| 1,087 | 273009.00 | 5073525.00 |    | 80.48 | 0.00 |
| 1,088 | 273209.00 | 5073525.00 |    | 80.10 | 0.00 |
| 1,089 | 273409.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,090 | 273609.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,091 | 273809.00 | 5073525.00 |    | 80.00 | 0.00 |
| 1,092 | 274009.00 | 5073525.00 |    | 76.93 | 0.00 |
| 1,093 | 274209.00 | 5073525.00 |    | 72.09 | 0.00 |
| 1,094 | 274409.00 | 5073525.00 |    | 70.00 | 0.00 |
| 1,095 | 274609.00 | 5073525.00 |    | 70.93 | 0.00 |
| 1,096 | 274809.00 | 5073525.00 |    | 72.57 | 0.00 |
| 1,097 | 275009.00 | 5073525.00 |    | 73.76 | 0.00 |
| 1,098 | 275209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,099 | 275409.00 | 5073525.00 |    | 73.21 | 0.00 |
| 1,100 | 275609.00 | 5073525.00 |    | 72.34 | 0.00 |
| 1,101 | 275809.00 | 5073525.00 |    | 72.93 | 0.00 |
| 1,102 | 276009.00 | 5073525.00 |    | 73.60 | 0.00 |
| 1,103 | 276209.00 | 5073525.00 |    | 74.15 | 0.00 |
| 1,104 | 276409.00 | 5073525.00 |    | 74.70 | 0.00 |
| 1,105 | 276609.00 | 5073525.00 |    | 74.64 | 0.00 |
| 1,106 | 276809.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,107 | 277009.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,108 | 277209.00 | 5073525.00 |    | 74.58 | 0.00 |
| 1,109 | 272038.44 | 5070145.56 | R1 | 75.29 |      |
| 1,110 | 271516.63 | 5070936.35 | R2 | 83.25 |      |
| 1,111 | 272600.69 | 5071904.86 | R3 | 79.03 |      |
| 1,112 | 273650.41 | 5072169.67 | R4 | 78.22 |      |

# Receptor Pathway

ISC-PRIME

## Discrete Polar Receptors

Option not in use

## Plant Boundary Receptors

### Cartesian Plant Boundary

#### Primary

| Record Number | Location:<br>X-Coordinate [m] | Location:<br>Y-Coordinate [m] | Group Name<br>(Optional) | Terrain Elevations<br>(Optional) | Flagpole Heights [m]<br>(Optional) |
|---------------|-------------------------------|-------------------------------|--------------------------|----------------------------------|------------------------------------|
| 1             | 271840.32                     | 5070490.76                    | FENCEPRI                 | 0.00                             |                                    |
| 2             | 271757.78                     | 5070573.62                    | FENCEPRI                 | 0.00                             |                                    |
| 3             | 271897.82                     | 5070704.56                    | FENCEPRI                 | 0.00                             |                                    |
| 4             | 272853.22                     | 5071592.46                    | FENCEPRI                 | 0.00                             |                                    |
| 5             | 272964.22                     | 5071633.96                    | FENCEPRI                 | 0.00                             |                                    |
| 6             | 272922.52                     | 5071678.06                    | FENCEPRI                 | 0.00                             |                                    |
| 7             | 272999.02                     | 5071729.16                    | FENCEPRI                 | 0.00                             |                                    |
| 8             | 273109.92                     | 5071864.36                    | FENCEPRI                 | 0.00                             |                                    |
| 9             | 273241.52                     | 5072111.36                    | FENCEPRI                 | 0.00                             |                                    |
| 10            | 273398.72                     | 5072248.06                    | FENCEPRI                 | 0.00                             |                                    |
| 11            | 273533.12                     | 5072148.96                    | FENCEPRI                 | 0.00                             |                                    |
| 12            | 273319.72                     | 5072028.56                    | FENCEPRI                 | 0.00                             |                                    |
| 13            | 274163.12                     | 5071136.76                    | FENCEPRI                 | 0.00                             |                                    |
| 14            | 272645.32                     | 5069708.46                    | FENCEPRI                 | 0.00                             |                                    |

#### Intermediate

Option not in use

## Polar Plant Boundary

Option not in use

## Receptor Groups

| Record Number | Group ID | Group Description                          |
|---------------|----------|--|
| 1             | FENCEPRI | Cartesian plant boundary Primary Receptors |
| 2             | R1       |  |
| 3             | R2       |  |
| 4             | R3       |  |
| 5             | R4       |  |

# Receptor Pathway

ISC-PRIME

## Terrain Elevations and Flagpole Heights for Network Grids

### Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Cartesian Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

### Non-Uniform Polar Grid

Option not in use

| Receptor Network ID | Location: X-Coordinate [m] | Location: Y-Coordinate [m] | Terrain Elevations (Optional) | Flagpole Heights (Optional) |
|---------------------|----------------------------|----------------------------|-------------------------------|-----------------------------|
|                     |                            |                            |                               | Option not Selected         |

# Meteorology Pathway

ISC-PRIME

## Met Input Data

|  |  |
|--|--|
| <b>Meteorological Input Data File and Format</b><br>Filename: C:\Marc\projets\ste-sophie\meteo_mirabel\mira2000.txt<br>Format Type: Default ASCII Format |  |
| <b>Anemometer Height</b><br>Height = 10,00 [m]   | <b>Optional Wind Direction</b><br>Rotation [deg]:  |
| <b>Surface Meteorological Station</b><br>Station No.: 25000      Location [m] (Optional):<br>Year: 2000      X Coord.:<br>Y Coord.:<br>Station Name:     | <b>Upper Air Meteorological Station</b><br>Station No.: 23118      Location [m] (Optional):<br>Year: 2000      X Coord.:<br>Y Coord.:<br>Station Name: |

## Data Period

|   |
|---|
| <b>Read All Met. File?</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---|



# Meteorology Pathway

ISC-PRIME

## Days or Range of Days to Process

Start Date  
janvier 1

End Date  
février 18

Start Date  
février 20

End Date  
décembre 31





















## Wind Speed Categories

| Stability Category | Wind Speed [m/s] | Stability Category | Wind Speed [m/s] |
|--------------------|------------------|--------------------|------------------|
| A                  | 1.54             | D                  | 8.23             |
| B                  | 3.09             | E                  | 10.8             |
| C                  | 5.14             | F                  | No Upper Bound   |

# Output Pathway

ISC-PRIME

## Tabular Printed Outputs

| Short Term<br>Averaging<br>Period | RECTABLE<br>Highest Values Table  |   |   |   |   |   |   |   |   |   | MAXTABLE<br>Maximum<br>Values Table | DAYTABLE<br>Daily<br>Values Table |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|-------------------------------------|-----------------------------------|
|                                   | 1st   | 2nd   | 3rd   | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  |                                     |                                   |
| ALL                               |  |  |  |  |  |  |  |  |  |  | 50                                  | No                                |
| 1                                 |  |  |  |  |  |  |  |  |  |  | 50                                  | No                                |

# Output Pathway

ISC-PRIME

## Contour Plot Files (PLOTFILE)

Path for PLOTFILES: SRT\_2000.PR

| Averaging Period | Source Group ID | High Value | File Name    |
|------------------|-----------------|------------|--------------|
| 1                | ALL             | 1st        | 01H1GALL.PLT |
| Period           | ALL             | N/A        | PE00GALL.PLT |