

| Rank | Kinase | Δ JSD $\mu=200$ | Δ JSD $\mu=1200$ | Δ JSD $\mu=200$ stdev | Δ JSD $\mu=1200$ stdev | i=1 score $\mu=200$ | i=1 score $\mu=200$ stdev | i>1 max score $\mu=200$ | i>1 max score $\mu=200$ stdev | i=1 score $\mu=1200$ | i=1 score $\mu=1200$ stdev | i>1 max score $\mu=1200$ | i>1 max score $\mu=1200$ stdev |
|------|--------|------------------------|-------------------------|------------------------------|-------------------------------|---------------------|---------------------------|-------------------------|-------------------------------|----------------------|----------------------------|--------------------------|--------------------------------|
| 1 | EPHA8 | 0.000283 | 0.013187 | 2.5e-05 | 0.002971 | 0.999671 | 5.6e-05 | 0.999954 | 4.3e-05 | 0.897363 | 0.002653 | 0.910549 | 0.002175 |
| 2 | EPHB2 | N/A | 0.007221 | 0.0 | 0.001154 | 1.0 | 0.0 | 1.0 | 0.0 | 0.968885 | 0.00036 | 0.976106 | 0.001114 |
| 3 | EPHB3 | 0.003779 | 0.000794 | 0.003035 | 0.004247 | 0.857396 | 0.002441 | 0.861174 | 0.001804 | 0.877724 | 0.003754 | 0.878518 | 0.002891 |
| 4 | EPHA4 | 0.003344 | -0.001594 | 0.001844 | 0.002518 | 0.911463 | 0.001766 | 0.914807 | 0.001133 | 0.877503 | 0.004006 | 0.875908 | 0.003396 |
| 5 | EPHA1 | N/A | 0.000883 | 0.0 | 0.000828 | 1.0 | 0.0 | 1.0 | 0.0 | 0.983081 | 0.000924 | 0.983964 | 0.000632 |
| 6 | EPHA5 | N/A | 0.000868 | 0.0 | 0.001063 | 1.0 | 0.0 | 1.0 | 0.0 | 0.983146 | 0.001473 | 0.984015 | 0.000685 |
| 7 | EPHB6 | N/A | 0.000467 | 0.0 | 0.000784 | 1.0 | 0.0 | 1.0 | 0.0 | 0.985045 | 0.000372 | 0.985512 | 0.000859 |
| 8 | EPHA6 | 0.00105 | -0.000896 | 0.001334 | 0.007132 | 0.942982 | 0.001508 | 0.944032 | 0.002133 | 0.877011 | 0.004858 | 0.876115 | 0.003523 |
| 9 | EPHA3 | N/A | -5.1e-05 | 0.0 | 0.000312 | 1.0 | 0.0 | 1.0 | 0.0 | 0.984493 | 0.000771 | 0.984442 | 0.000822 |
| 10 | EPHB1 | N/A | -5.2e-05 | 0.0 | 0.000452 | 1.0 | 0.0 | 1.0 | 0.0 | 0.984375 | 0.000398 | 0.984323 | 0.000771 |
| 11 | EPHA2 | N/A | -0.000274 | 0.0 | 0.001341 | 1.0 | 0.0 | 1.0 | 0.0 | 0.986154 | 0.001392 | 0.98588 | 0.000882 |
| 12 | EPHA7 | 0.00037 | -0.001361 | 0.001591 | 0.003829 | 0.939357 | 0.001608 | 0.939727 | 0.001084 | 0.903508 | 0.00181 | 0.902147 | 0.003234 |
| 13 | EPHB4 | 0.000387 | -0.222398 | 0.000841 | 0.007321 | 0.99499 | 0.000473 | 0.995377 | 0.000715 | 0.915446 | 0.002294 | 0.693049 | 0.008555 |