

| GPCR \ K_{tar} | Dirac | multitask | hierarchy | BP | PBP |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|
| Rhodopsin peptide receptors | | | | | |
| AG2R(5) | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| CCKAR(6) | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| CML2(1) | 50.0 ± 0.0 | 50.0 ± 35.4 | 100.0 ± 0.0 | 50.0 ± 35.4 | 50.0 ± 35.4 |
| CXCR3(1) | 50.0 ± 35.4 | 0.0 ± 0.0 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 |
| EDNRA(50) | 100.0 ± 0.0 | 99.0 ± 0.9 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| EDNRB(48) | 96.9 ± 1.1 | 91.8 ± 3.4 | 98.0 ± 1.1 | 99.0 ± 0.9 | 99.0 ± 0.9 |
| GASR(2) | 100.0 ± 0.0 | 75.0 ± 21.7 | 75.0 ± 21.7 | 75.0 ± 21.7 | 75.0 ± 21.7 |
| GPR7(1) | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 |
| LSHR(4) | 70.0 ± 11.0 | 70.0 ± 11.0 | 70.0 ± 11.0 | 70.0 ± 11.0 | 70.0 ± 11.0 |
| NK1R(24) | 92.0 ± 4.4 | 82.0 ± 5.2 | 86.0 ± 5.4 | 88.0 ± 3.3 | 86.0 ± 3.6 |
| NK2R(1) | 50.0 ± 35.4 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| NK3R(1) | 50.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| OPRD(27) | 92.3 ± 1.7 | 86.7 ± 4.4 | 90.3 ± 4.9 | 90.3 ± 2.8 | 90.3 ± 2.8 |
| OPRK(24) | 96.0 ± 3.6 | 98.0 ± 1.8 | 98.0 ± 1.8 | 98.0 ± 1.8 | 98.0 ± 1.8 |
| OPRM(21) | 100.0 ± 0.0 | 97.5 ± 2.2 | 97.5 ± 2.2 | 97.5 ± 2.2 | 97.5 ± 2.2 |
| OXYR(3) | 90.0 ± 8.9 | 100.0 ± 0.0 | 90.0 ± 8.9 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| SSR1(3) | 90.0 ± 8.9 | 90.0 ± 8.9 | 90.0 ± 8.9 | 90.0 ± 8.9 | 90.0 ± 8.9 |
| CCR3(1) | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 |
| Rhodopsin amine receptors | | | | | |
| 5HT1A(196) | 91.6 ± 1.3 | 90.1 ± 2.2 | 88.8 ± 0.8 | 91.8 ± 1.5 | 90.8 ± 1.7 |
| 5HT1B(28) | 82.7 ± 3.0 | 96.0 ± 3.6 | 98.0 ± 1.8 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| 5HT1D(172) | 93.3 ± 1.0 | 92.4 ± 0.9 | 92.7 ± 0.9 | 94.8 ± 0.7 | 94.8 ± 0.7 |
| 5HT1E(16) | 87.5 ± 5.5 | 90.8 ± 3.4 | 96.7 ± 3.0 | 90.8 ± 3.4 | 90.8 ± 3.4 |
| 5HT1F(49) | 86.7 ± 1.2 | 90.9 ± 0.8 | 88.8 ± 1.7 | 92.9 ± 1.1 | 91.7 ± 2.1 |
| 5HT2A(79) | 94.9 ± 1.4 | 95.6 ± 1.4 | 93.0 ± 1.7 | 94.3 ± 1.7 | 94.9 ± 1.4 |
| 5HT2B(72) | 81.2 ± 3.3 | 78.3 ± 2.9 | 83.9 ± 1.8 | 83.2 ± 2.0 | 83.2 ± 2.0 |
| 5HT2C(198) | 88.6 ± 1.2 | 86.8 ± 1.2 | 89.4 ± 1.4 | 89.6 ± 0.8 | 90.1 ± 1.3 |
| 5HT4R(87) | 92.5 ± 2.0 | 86.7 ± 2.5 | 85.7 ± 2.0 | 87.9 ± 2.1 | 89.0 ± 2.0 |
| 5HT5A(7) | 80.0 ± 8.4 | 75.0 ± 10.0 | 75.0 ± 10.0 | 75.0 ± 10.0 | 75.0 ± 10.0 |
| 5HT6R(13) | 95.0 ± 4.5 | 96.7 ± 3.0 | 91.7 ± 4.7 | 95.0 ± 4.5 | 100.0 ± 0.0 |
| 5HT7R(15) | 90.0 ± 6.0 | 90.0 ± 3.7 | 96.7 ± 3.0 | 93.3 ± 3.7 | 93.3 ± 3.7 |
| ACM1(527) | 96.7 ± 0.6 | 94.3 ± 0.9 | 95.5 ± 1.0 | 96.1 ± 0.7 | 96.1 ± 0.8 |
| ACM2(24) | 82.0 ± 5.2 | 90.0 ± 2.8 | 92.0 ± 3.3 | 94.0 ± 3.6 | 92.0 ± 3.3 |
| ACM3(58) | 93.2 ± 2.6 | 90.5 ± 0.7 | 91.3 ± 1.3 | 96.4 ± 1.5 | 95.6 ± 1.3 |
| ACM4(21) | 90.0 ± 5.5 | 95.0 ± 2.7 | 95.0 ± 2.7 | 92.5 ± 2.7 | 95.0 ± 2.7 |
| ACM5(16) | 94.2 ± 3.2 | 94.2 ± 3.2 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| ADA1A(80) | 93.1 ± 2.1 | 98.8 ± 0.7 | 99.4 ± 0.6 | 98.1 ± 0.7 | 98.8 ± 0.7 |
| ADA1B(67) | 90.5 ± 3.7 | 95.7 ± 1.9 | 98.6 ± 0.8 | 97.0 ± 0.7 | 97.0 ± 0.7 |
| ADA1D(73) | 90.4 ± 2.4 | 96.0 ± 1.1 | 98.7 ± 0.7 | 98.0 ± 0.7 | 98.0 ± 0.7 |
| ADA2A(234) | 95.7 ± 0.5 | 96.8 ± 0.3 | 98.5 ± 0.2 | 98.5 ± 0.2 | 98.5 ± 0.2 |
| ADA2B(224) | 95.1 ± 1.2 | 95.5 ± 1.3 | 98.2 ± 0.7 | 98.2 ± 0.7 | 98.0 ± 0.7 |
| ADA2C(225) | 95.3 ± 0.4 | 96.4 ± 0.4 | 97.6 ± 0.4 | 97.6 ± 0.4 | 97.8 ± 0.3 |
| ADRB1(50) | 98.0 ± 1.1 | 97.0 ± 1.8 | 99.0 ± 0.9 | 99.0 ± 0.9 | 99.0 ± 0.9 |
| ADRB2(48) | 92.8 ± 1.9 | 95.9 ± 0.9 | 96.9 ± 1.1 | 98.0 ± 1.1 | 98.0 ± 1.1 |
| ADRB3(57) | 98.2 ± 1.0 | 95.5 ± 2.2 | 97.3 ± 1.6 | 97.3 ± 1.6 | 97.3 ± 1.6 |
| DRD1(100) | 93.5 ± 1.8 | 94.5 ± 1.5 | 95.0 ± 1.4 | 94.5 ± 1.3 | 94.5 ± 1.3 |
| DRD2(106) | 93.4 ± 0.8 | 92.9 ± 1.8 | 92.4 ± 1.6 | 91.5 ± 1.7 | 91.9 ± 1.9 |
| DRD3(41) | 86.7 ± 2.6 | 89.2 ± 3.1 | 89.3 ± 3.8 | 90.4 ± 3.2 | 91.5 ± 2.8 |
| DRD4(143) | 92.3 ± 0.8 | 92.7 ± 1.1 | 93.7 ± 1.3 | 93.7 ± 1.4 | 94.1 ± 1.3 |
| DRD5(7) | 95.0 ± 4.5 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| HRH1(19) | 89.2 ± 4.3 | 92.5 ± 2.7 | 86.7 ± 0.7 | 92.5 ± 2.7 | 92.5 ± 2.7 |
| HRH2(22) | 91.0 ± 3.5 | 93.5 ± 3.7 | 96.0 ± 3.6 | 96.0 ± 3.6 | 96.0 ± 3.6 |
| HRH3(88) | 97.2 ± 0.8 | 96.1 ± 1.3 | 97.7 ± 0.9 | 97.7 ± 0.5 | 97.7 ± 0.5 |
| HRH4(5) | 80.0 ± 11.0 | 70.0 ± 17.9 | 100.0 ± 0.0 | 80.0 ± 11.0 | 80.0 ± 11.0 |

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|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Rhodopsin other receptors | | | | | |
| AA1R(56) | 96.4 ± 1.5 | 96.4 ± 0.8 | 96.4 ± 1.5 | 97.3 ± 1.0 | 97.3 ± 1.0 |
| AA2AR(73) | 96.0 ± 1.7 | 97.3 ± 1.1 | 98.6 ± 0.8 | 98.0 ± 1.2 | 98.0 ± 1.2 |
| AA2BR(83) | 97.6 ± 1.0 | 98.2 ± 0.7 | 99.4 ± 0.6 | 99.4 ± 0.6 | 99.4 ± 0.6 |
| AA3R(17) | 97.5 ± 2.2 | 82.5 ± 1.8 | 94.2 ± 3.2 | 95.0 ± 4.5 | 95.0 ± 4.5 |
| CLTR1(18) | 89.2 ± 2.5 | 84.2 ± 4.1 | 89.2 ± 4.3 | 91.7 ± 3.1 | 91.7 ± 3.1 |
| LT4R1(2) | 50.0 ± 25.0 | 50.0 ± 25.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| LT4R2(2) | 50.0 ± 25.0 | 50.0 ± 25.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MTR1A(91) | 97.3 ± 1.1 | 96.8 ± 1.4 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MTR1B(90) | 97.8 ± 0.9 | 97.8 ± 0.9 | 99.4 ± 0.5 | 99.4 ± 0.5 | 99.4 ± 0.5 |
| MTR1L(75) | 98.7 ± 0.7 | 99.3 ± 0.6 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| PAFR(1) | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 | 50.0 ± 35.4 |
| PE2R1(5) | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| PE2R2(7) | 100.0 ± 0.0 | 95.0 ± 4.5 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| PE2R3(5) | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| PE2R4(5) | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| R3R2(1) | 50.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| TA2R(63) | 100.0 ± 0.0 | 99.2 ± 0.7 | 99.2 ± 0.7 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| Metabotropic glutamate family | | | | | |
| GABR1(1) | 50.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 50.0 ± 35.4 | 100.0 ± 0.0 |
| GABR2(1) | 50.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 0.0 ± 0.0 | 50.0 ± 35.4 |
| MGR1(34) | 98.3 ± 1.5 | 91.4 ± 4.7 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MGR2(6) | 95.0 ± 4.5 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MGR3(5) | 100.0 ± 0.0 | 90.0 ± 8.9 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MGR5(5) | 90.0 ± 8.9 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MGR6(5) | 100.0 ± 0.0 | 90.0 ± 8.9 | 90.0 ± 8.9 | 100.0 ± 0.0 | 90.0 ± 8.9 |
| MGR7(6) | 95.0 ± 4.5 | 90.0 ± 8.9 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| MGR8(3) | 80.0 ± 17.9 | 80.0 ± 17.9 | 100.0 ± 0.0 | 100.0 ± 0.0 | 100.0 ± 0.0 |
| Secretin family | | | | | |
| VIPR1(1) | 50.0 ± 35.4 | 100.0 ± 0.0 | 100.0 ± 0.0 | 50.0 ± 35.4 | 100.0 ± 0.0 |