|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 5' Extension  (with exon) | 3' Extension  (with exon) | Multiple Isoforms  Expressed | Unannotated splice  Junction (not 5' or 3') | Unannotated Exon |
|  |  |  |  |  |  |
| GPRmac1 | **X** | **X** |  |  |  |
| GPRmac2 | **X(x)** | **X** |  |  | **X** |
| GPRdop1 | **X(x)** | **X** |  |  | **X** |
| GPRdop2 |  | **X** |  |  |  |
| GPRdop3 |  |  |  |  |  |
| GPRhis | **X** | **X** |  |  |  |
| GPRmtn | **X(x)** |  | **X** |  | **X** |
| GPRoar1 | **X(x)** |  | **X** |  | **X** |
| GPRoar2 |  | **X** |  |  |  |
| GPRtyr | **X(x)** |  |  |  | **X** |
| GPR5ht1a | **X(x)** | **X(x)** |  |  | **X** |
| GPR5ht1b | **X(x)** | **X** |  |  | **X** |
| GPR5ht2a | **X(x)** | **X** |  | **X** | **X** |
| GPR5ht7 | **X(x)** | **X** |  |  | **X** |
| GPRfsh | **X(x)** | **X** | **X** | **X** | **X** |
| GPRrk | **X(x)** | **X** |  |  | **X** |
| GPRgph | **X(x)** | **X(x)** |  |  | **X** |
| GPRals1 |  |  | **X** |  |  |
| GPRals2 |  |  | **X** |  |  |
| GPRals3 | **X(x)** | **X** |  |  | **X** |
| GPRgrp1 |  | **X(x)** |  |  | **X** |
| GPRgrp2 | **X(x)** | **X** |  | **X** | **X** |
| GPRcck1 | **X(x)** | **X(x)** | **X** | **X** | **X** |
| GPRcck2 | **X(x)** |  |  |  | **X** |
| GPRgnr1 | **X** |  |  |  |  |
| GPRgnr2 | **X(x)** | **X** |  |  | **X** |
| GPRgnr3 |  |  |  |  |  |
| GPRnpr1 | **X(x)** | **X** | **X** |  | **X** |
| GPRnpr2 | **X(x)** | **X** |  |  | **X** |
| GPRlkk | **X(x)** | **X** |  |  | **X** |
| GPRtak1 |  |  |  |  |  |
| GPRtak2 | **X(x)** | **X** |  |  | **X** |
| GPRnpr4 | **X(x)** |  |  |  | **X** |
| GPRnpy1 | **X(x)** | **X** |  |  | **X** |
| GPRnpy2 | **X** | **X(x)** | **X** |  | **X** |
| GPRnpy3 | **X(x)** | **X(x)** |  |  | **X** |
| GPRnpy4 |  |  |  |  |  |
| GPRsms | **X** | **X(x)** |  |  | **X** |
| GPRvpr1 |  | **X** |  |  |  |
| GPRvpr2 | **X(x)** | **X** |  |  | **X** |
| GPRads | **X** |  |  |  |  |
| GPRnna1 |  | **X** |  |  |  |
| GPRnna2 | **X(x)** | **X** |  |  | **X** |
| GPRnna3 | **X(x)** | **X** | **X** |  | **X** |
| GPRnna4 | **X(x)** |  |  |  | **X** |
| GPRnna5 |  |  |  |  |  |
| GPRnna6 |  |  |  |  |  |
| GPRnna7 | **X(x)** | **X** |  | **X** | **X** |
| GPRnna10 | **X** | **X** |  |  |  |
| GPRnna11 |  | **X** |  |  |  |
| GPRnna13 |  |  |  |  |  |
| GPRnna14 |  |  |  |  |  |
| GPRnna15 | **X(x)** | **X(x)** |  |  | **X** |
| GPRnna16 |  |  |  |  |  |
| GPRnna17 | **X** | **X** |  |  |  |
| GPRnna18 | **X** | **X** | **X** |  |  |
| GPRnna19 |  | **X** |  |  |  |
| GPRnna20 | **X(x)** | **X** |  |  | **X** |
| GPRnna21 | **X(x)** | **X** |  |  | **X** |
| GPRnnb1 |  | **X** |  |  |  |
| GPRnnb2 | **X(x)** | **X** |  |  | **X** |
| GPRnnb3 | **X** | **X** |  |  |  |
| GPRnnd1 | **X(x)** |  |  |  | **X** |
| GPRnnd2 |  | **X** |  |  |  |
| GPRcal1 | **X(x)** | **X(x)** |  | **X** | **X** |
| GPRcal2 | **X(x)** | **X** |  | **X** | **X** |
| GPRcal3 | **X(x)** | **X** |  |  | **X** |
| GPRdih1 | **X** | **X(x)** |  | **X** | **X** |
| GPRdih2 | **X(x)** | **X(x)** |  | **X** | **X** |
| GPRghp1 | **X(x)** |  | **X** |  | **X** |
| GPRghp2 | **X(x)** | **X(x)** |  |  | **X** |
| GPRghp3 | **X(x)** |  |  |  | **X** |
| GPRcir | **X(x)** | **X** |  | **X** | **X** |
| GPRmth1 |  |  |  |  |  |
| GPRmth2 | **X** | **X** |  |  |  |
| GPRmth3 | **X** | **X** |  |  |  |
| GPRmth4 |  |  |  |  |  |
| GPRmth5 | **X(x)** | **X** |  |  | **X** |
| GPRmth6 |  |  |  |  |  |
| GPRmgl1 |  |  |  |  |  |
| GPRmgl2 |  |  |  |  |  |
| GPRmgl3 |  |  |  |  |  |
| GPRmgl4 |  |  |  |  |  |
| GPRmgl5 | **X(x)** | **X** |  |  | **X** |
| GPRgbb1 | **X(x)** |  |  |  | **X** |
| GPRgbb2 | **X(x)** |  |  |  | **X** |
| GPRgbb3 | **X(x)** | **X** |  |  | **X** |
| GPRfz1a |  | **X** |  |  |  |
| GPRfz2 |  | **X** |  |  |  |
| GPRfz3 | **X(x)** | **X** |  | **X** | **X** |
| GPRfz4 | **X(x)** | **X** |  |  | **X** |
| GPRsmo | **X(x)** | **X** |  |  | **X** |
| GPRstn | **X(x)** | **X(x)** |  |  | **X** |

**Table 1: Annotation Changes to GPCRs With RNA-Seq Data**