

TM domain

5x the conserved PPP(S/T)Px(S/T) motif

Alignment Report of 'arrow-LRP alignTcDr#1497B14.meg' - ClustalW (Slow/Accurate, Gonnet)

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|------------|-------|---|-------------------------|--|----------|----------|------|
| Trib.cast. | Arrow | KCKDGCISLAHACDGIDHCADKSDEEACCR----DGFQCPNTQECLPANFVCDKIDHCADGSDEHPSHCNNASKLVSSNGVWV | IILGASGATMFISGI | 1398 | | | |
| Dros.mel. | Arrow | SCQSGECIDKSLVCDGTTNCANGHDEADCKR--PGEFQCPINKLCISAALLCDGWENCADGADESSDCLQRRMAPATDKRAF | LLIGATMITIFSIVY | 1468 | | | |
| Homo.sap. | LRP5 | PCARGQCVDLRLRCDGEADCQDRSDEADCAICLPNQFRCAS-GQCVLIKQQCDSFPDCIDGSDELMCEITKPPSDDSPA | HSSAIGPVIGIILSLFVMGG | 1402 | | | |
| Homo.sap. | LRP6 | QCASGQCIDGALRCNGDANCQDKSDEKNCEVLCLIDQFRCAN-GQCIGKHKKCDHNVDCSDKSDELDCYPTEEP--- | APQATNTVGSVIGVIVTIFVSGT | 1389 | | | |
| Trib.cast. | Arrow | LVYLLKRRS----SDDLNDQSEDSLS-----P--MQPKPHIKIRKGI PDVVRMSMTG--SETS | YDRNHITGASSS-TNESSLT | CYPREPLNP | 1477 | | |
| Dros.mel. | Arrow | LLQFCRTRIGKSRTEPKDDQATDPLS-----PSTLSKSQRVSKIASVADAVRMSTLNSRNSMNSYDRNHITGASS | STNGSSMVAYP---INP | 1553 | | | |
| Homo.sap. | LRP5 | VYFVQRVVCQRYAGANGPFPHEYVS-GTPHVPLNFIAPGGSQHGPFTGIACGKSMSSVSLMGGRGGVPLYDRNHVT | GASSSSSSSTKATLYP-PILNP | 1500 | | | |
| Homo.sap. | LRP6 | VYFICQRMLCPRMKGDGETMTNDYVHGPASVPLGYVPHPSSLSGSLPGMSRKGKSMISSLSIMGGSSGPP-YDRAHVT | GASSSSSSSTKGTYP-AILNP | 1487 | | | |
| Trib.cast. | Arrow | PPSPATTRGSS-----P--SSRYR--PYRHYSINQP | PPPTPCST | DVCDESDCNYPTRSR-----YDAGFP | PPPTPRSH | 1543 | |
| Dros.mel. | Arrow | PPSPATRSR-----R--PYRHYKIINQP | PPPTPCST | DICDESDSNYTSKSNNSNGGATKHSSSSAAACLQYGYDSEYP | PPPTPRSH | 1635 | |
| Homo.sap. | LRP5 | PPSPATDPSLYNMDMFYSSNIPATAR--PYRPYIIRGMA | PPTTPCST | DVCDS---DYSASR-----WKASKYYLDLNSDSDPYP | PPPTPHSQ | 1582 | |
| Homo.sap. | LRP6 | PPSPATERSHYTMEFGYSSNSPSTHRSYSYRPYSYRHFA | PPTTPCST | DVCDS---DYAPSRRMTSV-----ATAKGYTSDLNYDSEVP | PPPTPRSQ | 1576 | |
| Trib.cast. | Arrow | CHS-----ESC | PPSPSS | RSSTYFNPLP | PPSPVA | SPPRGYDS | 1580 |
| Dros.mel. | Arrow | YHSDVRIVPESSC | PPSPSS | RSSTYFSPLP | PPSPVQ | SPSRGFT | 1678 |
| Homo.sap. | LRP5 | YLSAED-----SC | PPSPAT | ERSY-FHLFP | PPSPCT | DSS | 1615 |
| Homo.sap. | LRP6 | YLSAEENY--ESC | PPSPYT | ERSYSHHLYP | PPSPCT | DSS | 161 |