

logo

CYP39A1	...EILNYIIPSGDLLMLSPFW.LHRNPKYFPEPELKKPERWKKANLEKHS.....FLDCFMAFGSGKFQCPARWFALLEVQMCIIILIIKYKDCSLLD	441
CYP8B1	KMSSGQEYLFHRHGDILALFPYLSVHMDPDHPEPTVFVKYDRFLNPNNGSRKVDFFKTGKKIHHTMPWGSQVSI	467
CYP7B1	SSETG.DYCVRKGDVAIFPPV.LHGDPEIFEAPEEFRYDRFIE.DGKKKTTFFKRGKKLKCYLMPFGTGT	476
CYP7A1	HLEDG.SYNIRKDDIIALYPQL.MHLDPEIYPDPLTFKYDRYLDENGKTCTTFYCNGLKLKYYMPFGSGGATIC	471
CYP11B1	....LQNYHIPAGTLVRVFLYS.LGRNPALFPRPERYNPQRWLDIRG.....SGRN..FYHVPFGFGMRQCL	476
CYP11B2	....LQNYHIPAGTLVQVFLYS.LGRNAALFPRPERYNPQRWLDIRG.....SGRN..FHHVPFGFGMRQCL	476
CYP24A1	....LGEYALPKGTIVMLNTQV.LGSSDNFEDSSQFRPERWLQEKE.....KINP..FAHLPFVGVRKRMCI	488
CYP27B1	....VGDIIPKNTLVTLCHYA.TSRDPAQFPEPNSFRPARWLGEKP.....TPHP..FASLPFGFGKRS	482
CYP27A1	....VDGFLFPKNTQFVFCYV.VSRDPTAFSEPESEFQPHRWLRNSQPATPR...IQHP..FGSVPF	503
CYP26B1	....LDGFQIPKGWSVMYSIRD.THDTAPVFKDVNVFDPDRFSQARS....E...DKDG.RFHYPFGGGV	468
CYP26A1	....LNGYQIPKGWNVIIYSICD.THDAEIFTNKEEFNPDRFMLPHP....E...D.AS.RFSFIPFGGGL	469
CYP21A2	...SISGYDIPEGTVIIPNLQG.AHLDETVERPHEFWPDRFLEPGK....N.....SRALAFGCGARV	456
CYP17A1	...SIGEFAVDKGEVIINLWA.LHHNEKEWHQPDQFMPPERFLNPAG...T...QLISPSVSYL	469
CYP1B1	...SVLGYHIPKDTVVVFVNQWS.VNHDPLKWPNPENFDPARFLDKDG....L...INKDLTSRVMIF	495
CYP2U1	...VLQGYTIPKGTILILPNLWS.VHRDPAIWEKPEDFYPNRFLDDQG....Q...LIKK..ETFIP	517
CYP2R1	...VVRGYSIPKGTITVITNLYS.VHFDEKYWRDPEVFHPPERFLDSSG....Y...FAKK..EALV	475
CYP2D6	...EVQGFRIPKGTTLITNLSS.VLKDEAVWEKPFERFHPHEFLDAQG....H...FVKP..EAF	470
CYP2E1	...IFRGYLIPKGTIVVPTLDS.VLYDNQEFDPDEKFKPEHFLNENG....K...FKYS..DYFK	464
CYP2C9	...KFRNYLIPKGTITILISLTS.VLHDNKEFPNPEMFDPHHFLDEGG....N...FKKS..KYFM	462
CYP2C8	...KFRNYLIPKGTITIMALLTS.VLHDDKEFPNPNIFDPGHFLDKNG....N...FKKS..DYFM	462
CYP46A1	....IDGVRVPGNTPLLFSTYV.MGRMDTYFEDPLTFNPDRFGPGAP....K....PR..FTYF	464
CYP3A4	...IN.GMFIPKGVVVMIPSYA.LHRDPKYWTEPEKFLPERFSKKNK....D...NIDP..YIYT	469
CYP4V2	...VAGYR.VLKGTEAVIIPYA.LHRDPRYFPNPEEFQPERFFPENAAAA..Q...GRHP..YAYV	494
CYP4F22	...LPDGRIPKGTICLVSIYG.THHNPTVWPD	502
CYP4F8	...LPDSRVIPKGNVCNINIFA.IHHNPSVWPD	495
CYP4F12	...LPDGRVIPKGTITCLIDIIG.VHHNPTVWPD	495
CYP4F2	...LPDGRVIPKGTICLVSVFG.THHNPAVWPD	495
CYP4F3	...LPDGRVIPKGTICLVSVFG.THHNPAVWPD	495
CYP4X1	...FPDGGCTLPAGITVVLSIWG.LHHNPAVWKNPKVFDPLRFSQENS....D...QRHP..YAYL	481
CYP4A11	...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDP	484
CYP4A22	...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDP	484
consensus	** ***** * * * * * ! ! ** !!* ! ! ! ! * ! *** * * *	

- non-conserved
- ≥ 50% conserved
- ≥ 90% conserved