

logo

CYP39A1	...EILNYIIPSGDLLMLSPFW.LHRNPKYFPEPELKKPERWKKANLEKHS.....FLDCFMAFGSGKFQCPARWFALLEVQMCIIILIIKYKDCSLLD	441
CYP8B1	KMSSGQEYLFHRHGDILALFPYLSVHMDDIHPPTVFKYDRFLNPNNGSRKVDFFKTGKKIHHTMPWGSQVSI	467
CYP7B1	SSETG.DYCVRKGDVAIFPPV.LHGDPEIFEAPEEFRYDRFIE.DGKKKTTFFKRGKKLKCYLMPFGTGT	476
CYP7A1	HLEDG.SYNIRKDDIIALYPQL.MHLDPEIYPDPLTFKYDRYLDENGKTCTTFYCNGLKLKYYMPFGSGGAT	471
CYP11B1	....LQNYHIPAGTLVRVFLYS.LGRNPALFPRPERYNPQRWLDIRG.....SGRN..FYHVPFGFGMRQCL	476
CYP11B2	....LQNYHIPAGTLVQVFLYS.LGRNAALFPRPERYNPQRWLDIRG.....SGRN..FHHVPFGFGMRQCL	476
CYP24A1	....LGEYALPKGTVLMNTQV.LGSSEDNFEDSSQFRPERWLQEKE.....KINP..FAHLPFVGVRKRMCI	488
CYP27B1	....VGDIIPKNTLVTLCHYA.TSRDPAQFPEPNSFRPARWLGEGP.....TPHP..FASLPFGFGKRS	482
CYP27A1	....VDGFLFPKNTQFVFCYV.VSRDPTAFSEPESEFQPHRWLRNSQPATPR...IQHP..FGSVPF	503
CYP26B1	....LDGFQIPKGWSVMYSIRD.THDTAPVFKDENVFDPDRFSQARS....E...DKDG.RFHYPFGGGV	468
CYP26A1	....LNGYQIPKGWNVISICD.THDAEIFTNKEEFNPDRFMLPHP....E...D.AS.RFSFIPFGGGL	469
CYP21A2	...SISGYDIPEGTVIIPNLQG.AHLDETVERPHEFWPDRFLEPGK....N.....SRALAFGCGARV	456
CYP17A1	...SIGEFAVDKGEVIINLWA.LHHNEKEWHQPDQFMPPERFLNPAG...T...QLISPSVSYPFGAG	469
CYP1B1	...SVLGYHIPKDTVVVFVNQWS.VNHDPLKWPNPENFDPARFLDKDG....L...INKDLTSRVMIF	495
CYP2U1	...VLQGYTIPKGTILILPNLWS.VHRDPAIWEKPEDFYPNRFLDDQG....Q...LIKK..ETFIP	517
CYP2R1	...VVRGYSIPKGTITVITNLYS.VHFDEKYWRDPEVFHPPERFLDSSG....Y...FAKK..EALV	475
CYP2D6	...EVQGFRIPKGTTLITNLSS.VLKDEAVWEKPFERFHEHFLDAQG....H...FVKP..EAF	470
CYP2E1	...IFRGYLIPKGTVVVPTLDS.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.IHHNPSVWPDPEVYDPFRFDPENAAAA..Q...KRSP..MAFI	495
CYP4F12	...LPDGRVIPKGTITCLIDIIG.VHHNPTVWPDPEVYDPFRFDPENAAAA..K...GRSP..LAFI	495
CYP4F2	...LPDGRVIPKGTICLVSVFG.THHNPAVWPDPEVYDPFRFDPENAAAA..K...ERSP..LAFI	495
CYP4F3	...LPDGRVIPKGTICLVSVFG.THHNPAVWPDPEVYDPFRFDPKNI....K...ERSP..LAFI	495
CYP4X1	...FPDGGCTLPAGITVVLSIWG.LHHNPAVWKNPKVFDPLRFSQENS....D...QRHP..YAYL	481
CYP4A11	...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDPFRFAPGSA.....QHS..HAFL	484
CYP4A22	...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDPFRFAPGSA.....QHS..HAFL	484
consensus	** ***** * * * * * ! ! ** ! ! * ! ! ! ! * ! * * * * * *	

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