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| CYP39A1 | ...EILNYIIPSGDLLMLSPFW.LHRNPKYFPEPELKKPERWKKANLEKHS.....FLDCFMAFGSGKFQCPARWFALLEVQMCIIILIYKYDCSLLD | 441 |
| CYP8B1 | KMSSGQEYLFHRHGDILALFPYLSVHMDPDHPEPTVFVKYDRFLNPNNGSRKVDFFKTGKKIHHTMPWGSQVSI | 467 |
| CYP7B1 | SSETG.DYCVRKGDVAIFPPV.LHGDPEIFEAPEEFYDRFIE.DGKKKTTFFKRGKKLKCYLMPFGTGT | 476 |
| CYP7A1 | HLEDG.SYNIRKDDIIALYPQL.MHLDPEIYPDPLTFKYDRYLDENGKTCTTFYCNGLKLKYYMPFGSGGATIC | 471 |
| CYP11B1 |LQNYHIPAGTLVRVFLYS.LGRNPALFPRPERYNPQRWLDIRG.....SGRN..FYHVPFGFGMRQCL | 476 |
| CYP11B2 |LQNYHIPAGTLVQVFLYS.LGRNAALFPRPERYNPQRWLDIRG.....SGRN..FHHVPFGFGMRQCL | 476 |
| CYP24A1 |LGEYALPKGTVLMMLNTQV.LGSSDNFEDSSQFRPERWLQEKE.....KINP..FAHLFPFGVGKRMCI | 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...QLISPSVSYL | 469 |
| CYP1B1 | ...SVLGYHIPKDTTVVFNQWS.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..KYF | 462 |
| CYP2C8 | ...KFRNYLIPKGTTIMALLTS.VLHDDKEFPNPNIFDPGHFLDKNG....N...FKKS..DYF | 462 |
| CYP46A1 |IDGVRVPGNTPLLFSTYV.MGRMDTYFEDPLTFNPDRFGPGAP....K....PR..FTY | 464 |
| CYP3A4 | ...IN.GMFIPKGVVVMIPSYA.LHRDPKYWTEPEKFLPERFSKKNK....D...NIDP..YIY | 469 |
| CYP4V2 | ...VAGYR.VLKGTEAVIIPYA.LHRDPRYFPNPEEFQPERFFPENAAAA..Q...GRHP..YAY | 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..YAY | 481 |
| CYP4A11 | ...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDPDRFAPGSA.....QHS..HAFL | 484 |
| CYP4A22 | ...FPDGRSLPKGIMVLLSIYG.LHHNPKVWPNLEVFDPDRFAPGSA.....QHS..HAFL | 484 |
| consensus | ** ***** * * * * * ! ! * * * * * ! ! * * * * * ! ! * * * * * | |

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