

Mouse Cyps	Human Cyps	Mouse GeneID	Mouse mRNA ID	Mouse Protein ID	DNA Identity(%)	Protein Identity(%)	Chromosome Loc.
Cyp1a1	CYP1A1	13076	NM_009992	NP_034122	82.7	80.6	9
Cyp1a2	CYP1A2	13077	NM_009993	NP_034123	79.9	73	9
Cyp1b1	CYP1B1	13078	NM_009994	NP_034124	81.8	81	17
Cyp2a4	CYP2A6/7/13	13086	NM_009997	NP_034127	83.4/83.2/84.3	83.6/82/86.6	7
Cyp2a5	CYP2A6/7/13	13087	NM_007812	NP_031838	84.6/84.3/85.5	85.2/83/6/88/5	7
Cyp2a22	N/A	233005	NM_001101467	NP_001094937	N/A	N/A	7
Cyp2b9	N/A	13094	NM_010000	NP_034130	N/A	N/A	7
Cyp2b10	CYP2B6	13088	NM_009999	NP_034128	78.1	75.8	7
Cyp2b13	N/A	13089	NM_007813	NP_031839	N/A	N/A	7
Cyp2b19	N/A	13090	NM_007814	NP_031840	N/A	N/A	7
Cyp2b23	N/A	243881	NM_001081148	NP_001074617	N/A	N/A	7
Cyp2c29	N/A	13095	NM_007815.3	NP_031841.3	N/A	N/A	19
Cyp2c37	CYP2C19	13096	NM_010001	NP_034131	78.5	72.4	19
Cyp2c38	N/A	13097	NM_010002	NP_034132	N/A	N/A	19
Cyp2c39	N/A	13098	NM_010003	NP_034133	N/A	N/A	19
Cyp2c40	N/A	13099	NM_010004	NP_034134	N/A	N/A	19
Cyp2c44	N/A	226143	NM_001001446	NP_001001446	N/A	N/A	19
Cyp2c50	CYP2C19	107141	NM_134144	NP_598905	78.5	72.6	19
Cyp2c54	CYP2C19	404195	NM_206537	NP_996260	77.9	70.8	19
Cyp2c55	CYP2C18	72082	NM_028089	NP_082365	81.9	76.3	19
Cyp2c66	CYP2C8	69888	NM_001011707	NP_001011707	78.4	72.4	19
Cyp2c67	N/A	545288	NM_001024719	NP_001019890	N/A	N/A	19
Cyp2c68	N/A	433247	NM_001039555	NP_001034644	N/A	N/A	19
Cyp2c69	N/A	100043108	XM_001479745	XP_001479795	N/A	N/A	19
Cyp2c70	N/A	226105	NM_145499	NP_663474	N/A	N/A	19
Cyp2d9	N/A	13105	NM_010006	NP_034136	N/A	N/A	15
Cyp2d10	N/A	13101	NM_010005	NP_034135	N/A	N/A	15
Cyp2d11	N/A	545123	NM_001104531	NP_001098001	N/A	N/A	15
Cyp2d12	N/A	380997	NM_201360	NP_958748	N/A	N/A	15
Cyp2d22	CYP2D6	56448	NM_019823	NP_062797	79.9	75.8	15
Cyp2d26	N/A	76279	NM_029562	NP_083838	N/A	N/A	15
Cyp2d34	N/A	223706	NM_145474	NP_663449	N/A	N/A	15
Cyp2d40	N/A	71754	NM_023623	NP_076112	N/A	N/A	15
Cyp2e1	CYP2E1	13106	NM_021282	NP_067257	79.4	78.1	7
Cyp2g1	N/A	13108	NM_013809	NP_038837	N/A	N/A	7
Cyp2f2	CYP2F1	13107	NM_007817	NP_031843	82.6	81.9	7
Cyp2j5	N/A	13109	NM_010007	NP_034137	N/A	N/A	4
Cyp2j6	CYP2J2	13110	NM_010008	NP_034138	78.3	76.2	4

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Cyp2j7	N/A	546837	NM_001104926	NP_001098396	N/A	N/A	4
Cyp2j8	N/A	665095	NM_001104927	NP_001098397	N/A	N/A	4
Cyp2j9	N/A	74519	NM_028979	NP_083255	N/A	N/A	4
Cyp2j11	N/A	100066	NM_001004141	NP_001004141	N/A	N/A	4
Cyp2j12	N/A	242546	NM_001100182	NP_001093652	N/A	N/A	4
Cyp2j13	N/A	230459	NM_145548	NP_663523	N/A	N/A	4
Cyp2t4	N/A	384724	NM_001100184	NP_001093654	N/A	N/A	7
Cyp2u1	CYP2U1	71519	NM_027816	NP_082092	78.3	79.5	3
Cyp2w1	CYP2W1	545817	NM_001160265	NP_001153737	78.5	77.9	5
Cyp3a11	CYP3A4	13112	NM_007818	NP_031844	78.1	72.8	5
Cyp3a13	CYP3A7	13113	NM_007819	NP_031845	79.6	72.5	5
Cyp3a16	CYP3A4	13114	NM_007820	NP_031846	77.6	70.6	5
Cyp3a25	CYP3A43	56388	NM_019792	NP_062766	74.4	66.5	5
Cyp3a41a	CYP3A4	53973	NM_017396	NP_059092	77.2	71.6	5
Cyp3a41b	CYP3A4	100041375	NM_001105159	NP_001098629	77.3	71.4	5
Cyp3a44	CYP3A4	337924	NM_177380	NP_796354	76.7	69.6	5
Cyp3a57	CYP3A43	622127	NM_001100180	NP_001093650	74.8	65.6	5
Cyp3a59	CYP3A43	100041449	NM_001105160	NP_001098630	74.4	65.2	5
Cyp4a10	CYP4A11	13117	NM_010011	NP_034141	79.3	77.4	4
Cyp4a12a	CYP4A22	277753	NM_177406	NP_803125	79.2	75	4
Cyp4a12b	CYP4A22	13118	NM_172306	NP_758510	79.6	75.5	4
Cyp4a14	N/A	435802	NM_001100185	NP_001093655	N/A	N/A	4
Cyp4a29	N/A	230639	NM_001100183	NP_001093653	N/A	N/A	4
Cyp4a30b	N/A	435802	NM_001100185	NP_001093655	N/A	N/A	4
Cyp4a31	N/A	666168	NM_201640	NP_964002	N/A	N/A	4
Cyp4a32	CYP4A11	100040843	NM_001100181	NP_001093651	78.9	76.2	4
Cyp4b1	CYP4B1	13120	NM_007823	NP_031849	85.7	85.1	4
Cyp4f13	N/A	170716	NM_130882	NP_570952	N/A	N/A	17
Cyp4f14	CYP4F12	64385	NM_022434	NP_071879	79.1	75.3	17
Cyp4f15	CYP4F2	106648	NM_134127	NP_598888	81.6	80.4	17
Cyp4f16	N/A	70101	NM_024442	NP_077762	N/A	N/A	17
Cyp4f17	CYP4F8	208285	NM_001101445	NP_001094915	76.1	71.1	17
Cyp4f18	CYP4F3	72054	NM_024444	NP_077764	82.2	81.5	8
Cyp4f39	CYP4F22	320997	NM_177307	NP_796281	83	86.8	17
Cyp4f40	CYP4F11	631304	NM_001101588	NP_001095058	78.8	78.4	17
Cyp4v3	CYP4V2	285440	NM_133969	NP_598730	82.1	82.1	8
Cyp4x1	CYP4X1	81906	NM_001003947	NP_001003947	81.1	71.2	4