

## Human SDRs as of Uniprot version 2015\_10

SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR1E1-1	sp Q14376 GALE_HUMAN	UDP-glucose 4-epimerase	Hs.632380	ENSG00000117308	ENSP00000363621	348	PF01370	E
SDR1E1-4	tr Q5QPP4 Q5QPP4_HUMAN	UDP-glucose 4-epimerase		ENSG00000117308	ENSP00000398585	239	PF01370	E
SDR1E1-5	tr Q5QPP3 Q5QPP3_HUMAN	UDP-glucose 4-epimerase		ENSG00000117308	ENSP00000414719	227	PF01370	E
SDR1E1-7	tr Q5QPP1 Q5QPP1_HUMAN	UDP-glucose 4-epimerase		ENSG00000117308	ENSP00000393359	194	PF01370	E
SDR1E1-8	tr Q5QPP9 Q5QPP9_HUMAN	UDP-glucose 4-epimerase		ENSG00000117308	ENSP00000397045	108		
SDR1E1-18	tr A0A024RAB7 A0A024RAB7_HUMAN	UDP-galactose-4-epimerase, isoform CRA_b	Hs.632380			239	PF01370	E
SDR2E1-1	sp O95455 TGDS_HUMAN	dTDP-D-glucose 4,6-dehydratase	Hs.12393	ENSG00000088451	ENSP00000261296	350	PF01370	E
SDR3E1-1	sp O60547 GMDS_HUMAN	GDP-mannose 4,6 dehydratase	Hs.144496	ENSG00000112699	ENSP00000370194	372	PF01370	E
SDR3E1-2	tr B2R9X3 B2R9X3_HUMAN	cDNA, FLJ94599, highly similar to Homo sapiens GDP-mannose 4,6-dehydratase (GMDS), mRNA	Hs.144496			372	PF01370	E
SDR4E1-1	sp Q13630 FCL_HUMAN	GDP-L-fucose synthase	Hs.404119	ENSG00000104522	ENSP00000398803	321	PF01370	E
SDR4E1-3	tr B3KU96 B3KU96_HUMAN	cDNA FLJ39433 fis, clone PROST2004142, highly similar to GDP-L-fucose synthetase (EC 1.1.1.271)	Hs.404119			161	PF01370	U
SDR4E1-4	tr B4DZW9 B4DZW9_HUMAN	cDNA FLJ57685, highly similar to GDP-L-fucose synthetase (EC 1.1.1.271)	Hs.404119			178	PF01370	
SDR4E1-6	tr E9PKL9 E9PKL9_HUMAN	GDP-L-fucose synthase		ENSG00000104522	ENSP00000431587	268	PF01370	E
SDR4E1-7	tr E9PP14 E9PP14_HUMAN	GDP-L-fucose synthase		ENSG00000104522	ENSP00000437012	198	PF01370	E
SDR4E1-10	tr E9PLH9 E9PLH9_HUMAN	GDP-L-fucose synthase		ENSG00000104522	ENSP00000433331	118	PF01370	
SDR4E1-11	tr H0YE90 H0YE90_HUMAN	GDP-L-fucose synthase		ENSG00000104522	ENSP00000435240	137	PF01370	
SDR4E1-15	tr A0A0J9YX13 A0A0J9YX13_HUMAN	GDP-L-fucose synthase		ENSG00000278243	ENSP00000488203	221	PF01370	E
SDR5C1-1	sp Q99714 HCD2_HUMAN	3-hydroxyacyl-CoA dehydrogenase type-2	Hs.171280	ENSG00000072506	ENSP00000168216	261	PF00106	C
SDR5C1-4	tr Q5H928 Q5H928_HUMAN	3-hydroxyacyl-CoA dehydrogenase type-2	Hs.171280	ENSG00000072506	ENSP00000364447	169	PF00106	C
SDR6E1-1	sp Q8NBZ7 UXS1_HUMAN	UDP-glucuronic acid decarboxylase 1	Hs.469561	ENSG00000115652	ENSP00000283148	420	PF01370	E
SDR6E1-2	tr A8K3Q3 A8K3Q3_HUMAN	cDNA FLJ78230	Hs.469561			425	PF01370	E
SDR6E1-3	tr B3KV61 B3KV61_HUMAN	UDP-glucuronate decarboxylase 1, isoform CRA_a	Hs.469561			363	PF01370	E
SDR6E1-6	tr B4E3U7 B4E3U7_HUMAN	cDNA FLJ57788, highly similar to UDP-glucuronic acid decarboxylase 1 (EC 4.1.1.35)	Hs.469561			185	PF01370	U
SDR6E1-7	tr Q8ND26 Q8ND26_HUMAN	Putative uncharacterized protein DKFZp434L1215	Hs.469561			78		

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SDR6E1-9	tr C9JW33 C9JW33_HUMAN	UDP-glucuronic acid decarboxylase 1		ENSG00000115652	ENSP00000399316	190	PF01370	E
SDR6E1-10	tr C9JFU6 C9JFU6_HUMAN	UDP-glucuronic acid decarboxylase 1		ENSG00000115652	ENSP00000404468	121	PF01370	U
SDR6E1-11	tr C9JCB7 C9JCB7_HUMAN	UDP-glucuronic acid decarboxylase 1		ENSG00000115652	ENSP00000403612	134	PF01370	E
SDR6E1-12	tr C9JE50 C9JE50_HUMAN	UDP-glucuronic acid decarboxylase 1		ENSG00000115652	ENSP00000416656	170	PF01370	U
SDR6E1-14	tr C9J3T9 C9J3T9_HUMAN	UDP-glucuronic acid decarboxylase 1		ENSG00000115652	ENSP00000397049	52	PF01370	
SDR7C1-1	sp Q8TC12 RDH11_HUMAN	Retinol dehydrogenase 11	Hs.719925	ENSG00000072042	ENSP00000370750	318	PF00106	C
SDR7C1-5	tr B3KQ19 B3KQ19_HUMAN	Retinol dehydrogenase 11 (All-trans and 9-cis), isoform CRA_a	Hs.719925			188		U
SDR7C1-6	tr H0YJ46 H0YJ46_HUMAN	Retinol dehydrogenase 11		ENSG00000072042	ENSP00000450802	204	PF00106	U
SDR7C1-7	tr G3V2G6 G3V2G6_HUMAN	Retinol dehydrogenase 11		ENSG00000072042	ENSP00000450651	178	PF00106	U
SDR7C1-8	tr G3V234 G3V234_HUMAN	Retinol dehydrogenase 11		ENSG00000072042	ENSP00000450435	186	PF00106	U
SDR7C2-1	sp Q96NR8 RDH12_HUMAN	Retinol dehydrogenase 12	Hs.415322	ENSG00000139988	ENSP00000267502	316	PF00106	C
SDR7C3-1	sp Q8NBN7 RDH13_HUMAN	Retinol dehydrogenase 13	Hs.327631	ENSG00000160439	ENSP00000379547	331	PF00106	C
SDR7C3-2	tr B2RDH1 B2RDH1_HUMAN	cDNA, FLJ96605, highly similar to Homo sapiens retinol dehydrogenase 13 (all-trans and 9-cis) (RDH13), mRNA	Hs.327631			260	PF00106	C
SDR7C3-3	tr A8K6B4 A8K6B4_HUMAN	cDNA FLJ77723	Hs.327631			220	PF00106	C
SDR7C3-4	tr B3KVA3 B3KVA3_HUMAN	cDNA FLJ16300 fis, clone PLACE7000167, highly similar to Retinol dehydrogenase 13 (EC 1.1.1.-)	Hs.327631			220	PF00106	C
SDR7C3-6	tr G8JLA1 G8JLA1_HUMAN	Retinol dehydrogenase 13		ENSG00000160439	ENSP00000291892	220	PF00106	C
SDR7C3-7	tr A0A024R4M8 A0A024R4M8_HUMAN	Retinol dehydrogenase 13 (All-trans and 9-cis), isoform CRA_a	Hs.327631			331	PF00106	C
SDR7C4-1	sp Q9HBH5 RDH14_HUMAN	Retinol dehydrogenase 14	Hs.120319	ENSG00000240857	ENSP00000370648	336	PF00106	C
SDR7C4-2	tr Q53RX3 Q53RX3_HUMAN	Putative uncharacterized protein RDH14	Hs.120319			336	PF00106	C
SDR7C4-3	tr C9J2C7 C9J2C7_HUMAN	Protein NT5C1B-RDH14		ENSG00000250741	ENSP00000412639	533	PF00106	U
SDR7C5-1	sp Q6UX07 DHR13_HUMAN	Dehydrogenase/reductase SDR family member 13	Hs.631760	ENSG00000167536	ENSP00000368173	377	PF00106	C
SDR7C6-1	sp Q8N5I4 DHRXS_HUMAN	Dehydrogenase/reductase SDR family member on chromosome X	Hs.131452	ENSG00000169084	ENSP00000334113	330	PF00106	C
SDR7C6-5	tr C9JRH1 C9JRH1_HUMAN	Dehydrogenase/reductase SDR family member on chromosome X		ENSG00000169084	ENSP00000402741	121	PF00106	U
SDR7C6-6	tr C9JB06 C9JB06_HUMAN	Dehydrogenase/reductase SDR family member on chromosome X		ENSG00000169084	ENSP00000391778	232	PF00106	C

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SDR7C6-8	tr H7C5T6 H7C5T6_HUMAN	Dehydrogenase/reductase SDR family member on chromosome X		ENSG00000169084	ENSP00000420788	154	PF00106	U
SDR7C6-9	tr H7C613 H7C613_HUMAN	Dehydrogenase/reductase SDR family member on chromosome X		ENSG00000169084	ENSP00000403045	63	PF00106	U
SDR8C1-1	sp P51659 DHB4_HUMAN	Peroxisomal multifunctional enzyme type 2	Hs.406861	ENSG00000133835	ENSP00000256216	736	PF00106	C
SDR8C1-3	tr B2R659 B2R659_HUMAN	cDNA, FLJ92803, highly similar to Homo sapiens hydroxysteroid (17-beta) dehydrogenase 4 (HSD17B4), mRNA	Hs.406861			736	PF00106	C
SDR8C1-5	tr B4DDM5 B4DDM5_HUMAN	cDNA FLJ53298, highly similar to Peroxisomal multifunctional enzyme type 2	Hs.406861			717	PF00106	U
SDR8C1-6	tr B4DSD0 B4DSD0_HUMAN	cDNA FLJ59409, highly similar to Peroxisomal multifunctional enzyme type 2	Hs.406861			712	PF00106	C
SDR8C1-7	tr B3KSP2 B3KSP2_HUMAN	cDNA FLJ36730 fis, clone UTERU2012610, highly similar to Peroxisomal multifunctional enzyme	Hs.406861			596	PF00106	U
SDR8C1-8	tr B4DI68 B4DI68_HUMAN	cDNA FLJ61268, highly similar to Peroxisomal multifunctional enzyme type 2	Hs.406861			599	PF00106	U
SDR8C1-10	tr E7ER27 E7ER27_HUMAN	Peroxisomal multifunctional enzyme type 2		ENSG00000133835	ENSP00000390208	500	PF00106	C
SDR8C1-11	tr E7EWE5 E7EWE5_HUMAN	Peroxisomal multifunctional enzyme type 2	Hs.406861	ENSG00000133835	ENSP00000424940	712	PF00106	C
SDR8C1-14	tr G5E9S2 G5E9S2_HUMAN	Hydroxysteroid (17-beta) dehydrogenase 4, isoform CRA_a	Hs.406861	ENSG00000133835	ENSP00000411960	596	PF00106	U
SDR8C1-15	tr E7ET17 E7ET17_HUMAN	Peroxisomal multifunctional enzyme type 2		ENSG00000133835	ENSP00000425993	599	PF00106	U
SDR9C1-1	sp Q02338 BDH_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial	Hs.274539	ENSG00000161267	ENSP00000350914	343	PF00106	C
SDR9C1-4	tr A1E284 A1E284_HUMAN	3-hydroxybutyrate dehydrogenase	Hs.274539			105		
SDR9C1-6	tr E9PCG9 E9PCG9_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000161267	ENSP00000411014	256	PF00106	C

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SDR9C1-7	tr C9K0G7 C9K0G7_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000161267	ENSP00000387648	166	PF00106	C
SDR9C1-8	tr C9JM78 C9JM78_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000161267	ENSP00000408685	168	PF00106	U
SDR9C1-9	tr C9JQ90 C9JQ90_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000161267	ENSP00000409849	186	PF00106	U
SDR9C1-15	tr H7C2W1 H7C2W1_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000161267	ENSP00000408016	129	PF00106	U
SDR9C1-32	tr A0A0G2JRX6 A0A0G2JRX6_HUMAN	D-beta-hydroxybutyrate dehydrogenase, mitochondrial		ENSG00000275544	ENSP00000487163	187	PF00106	U
SDR9C2-1	sp P37059 DHB2_HUMAN	Estradiol 17-beta-dehydrogenase 2	Hs.162795	ENSG00000086696	ENSP00000199936	387	PF00106	C
SDR9C2-2	tr Q53GD0 Q53GD0_HUMAN	Hydroxysteroid (17-beta) dehydrogenase 2 variant	Hs.162795			387	PF00106	C
SDR9C2-4	tr H3BNN1 H3BNN1_HUMAN	Estradiol 17-beta-dehydrogenase 2		ENSG00000086696	ENSP00000454931	200	PF00106	C
SDR9C2-5	tr H3BQY3 H3BQY3_HUMAN	Estradiol 17-beta-dehydrogenase 2		ENSG00000086696	ENSP00000455992	66	PF00106	U
SDR9C2-6	tr H3BRZ6 H3BRZ6_HUMAN	Estradiol 17-beta-dehydrogenase 2		ENSG00000086696	ENSP00000456471	188	PF00106	C
SDR9C2-7	tr H3BS44 H3BS44_HUMAN	Estradiol 17-beta-dehydrogenase 2		ENSG00000086696	ENSP00000456529	220	PF00106	C
SDR9C3-1	sp P80365 DHI2_HUMAN	Corticosteroid 11-beta-dehydrogenase isozyme 2	Hs.1376	ENSG00000176387	ENSP00000316786	405	PF00106	C
SDR9C4-1	sp Q9BPW9 DHRS9_HUMAN	Dehydrogenase/reductase SDR family member 9	Hs.179608	ENSG00000073737	ENSP00000350154	319	PF00106	C
SDR9C4-2	tr Q9Y2P9 Q9Y2P9_HUMAN	Retinol dehydrogenase homolog	Hs.179608			323	PF00106	C
SDR9C4-3	tr B2R835 B2R835_HUMAN	cDNA, FLJ93721, highly similar to Homo sapiens NADP-dependent retinol dehydrogenase/reductase (RDHL),transcript variant C	Hs.179608			319	PF00106	C
SDR9C4-4	tr Q53TL1 Q53TL1_HUMAN	Putative uncharacterized protein RDHL	Hs.179608			245	PF00106	C
SDR9C4-6	tr Q4ZG83 Q4ZG83_HUMAN	Putative uncharacterized protein RDHL	Hs.179608			73		
SDR9C4-9	tr C9J430 C9J430_HUMAN	Dehydrogenase/reductase SDR family member 9		ENSG00000073737	ENSP00000391214	66		U
SDR9C5-1	sp Q92781 RDH1_HUMAN	11-cis retinol dehydrogenase	Hs.600940	ENSG00000135437	ENSP00000257895	318	PF00106	C
SDR9C5-3	tr B4DDS2 B4DDS2_HUMAN	cDNA FLJ60415, highly similar to 11-cis retinol dehydrogenase (EC 1.1.1.105)	Hs.600940			190	PF00106	C
SDR9C5-4	tr F8VVC7 F8VVC7_HUMAN	11-cis retinol dehydrogenase		ENSG00000135437	ENSP00000449927	221	PF00106	C
SDR9C5-5	tr F8VUB9 F8VUB9_HUMAN	11-cis retinol dehydrogenase		ENSG00000135437	ENSP00000448014	55	PF00106	U

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SDR9C5-6	tr H0YHP7 H0YHP7_HUMAN	11-cis retinol dehydrogenase		ENSG00000135437	ENSP00000447513	103	PF00106	U
SDR9C5-7	tr A0A024RB18 A0A024RB18_HUMAN	Retinol dehydrogenase 5 (11-cis and 9-cis), isoform CRA_a	Hs.600940			318	PF00106	C
SDR9C6-1	sp O14756 H17B6_HUMAN	17-beta-hydroxysteroid dehydrogenase type 6	Hs.524513	ENSG00000025423	ENSP00000318631	317	PF00106	C
SDR9C6-2	tr B2R8L8 B2R8L8_HUMAN	cDNA, FLJ93962, highly similar to Homo sapiens hydroxysteroid (17-beta) dehydrogenase 6 (HSD17B6), mRNA	Hs.524513			317	PF00106	C
SDR9C6-4	tr G3V508 G3V508_HUMAN	17-beta-hydroxysteroid dehydrogenase type 6		ENSG00000025423	ENSP00000452103	75	PF00106	U
SDR9C6-5	tr G3V3Y9 G3V3Y9_HUMAN	17-beta-hydroxysteroid dehydrogenase type 6		ENSG00000025423	ENSP00000451497	88	PF00106	U
SDR9C6-6	tr A0A024RB43 A0A024RB43_HUMAN	Hydroxysteroid (17-beta) dehydrogenase 6, isoform CRA_a	Hs.524513			317	PF00106	C
SDR9C7-1	sp Q8NEX9 DR9C7_HUMAN	Short-chain dehydrogenase/ reductase family 9C member 7	Hs.380178	ENSG00000170426	ENSP00000293502	313	PF00106	C
SDR9C8-1	sp O75452 RDH16_HUMAN	Retinol dehydrogenase 16	Hs.134958	ENSG00000139547	ENSP00000381206	317	PF00106	C
SDR9C8-2	tr Q59FX7 Q59FX7_HUMAN	Microsomal NAD+-dependent retinol dehydrogenase 4 variant	Hs.134958			193		
SDR10E1-1	sp Q8WVX9 FACR1_HUMAN	Fatty acyl-CoA reductase 1	Hs.501991	ENSG00000197601	ENSP00000346874	515	PF01370	E
SDR10E1-2	tr B2RDG1 B2RDG1_HUMAN	cDNA, FLJ96593	Hs.501991			515	PF01370	E
SDR10E1-3	tr Q9H600 Q9H600_HUMAN	cDNA: FLJ22728 fis, clone HSI15617	Hs.501991			342	PF01370	E
SDR10E1-7	tr E9PNW8 E9PNW8_HUMAN	Fatty acyl-CoA reductase 1		ENSG00000197601	ENSP00000437111	335	PF01370	E
SDR10E2-1	sp Q96K12 FACR2_HUMAN	Fatty acyl-CoA reductase 2	Hs.684482	ENSG00000064763	ENSP00000182377	515	PF01370	E
SDR10E2-2	tr Q9NUX8 Q9NUX8_HUMAN	cDNA FLJ11065 fis, clone PLACE1004868, weakly similar to MALE STERILITY PROTEIN 2	Hs.684482			515	PF01370	E
SDR10E2-3	tr B2RBIO B2RBIO_HUMAN	cDNA, FLJ95518	Hs.684482			515	PF01370	E
SDR10E2-5	tr A0A024RAW7 A0A024RAW7_HUMAN	Male sterility domain containing 1, isoform CRA_a	Hs.684482			515	PF01370	E
SDR11E1-1	sp P14060 3BHS1_HUMAN	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1	Hs.364941	ENSG00000203857	ENSP00000358421	373	PF01073	E

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SDR11E1-7	tr E9PRN7 E9PRN7_HUMAN	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1		ENSG00000203857	ENSP00000435999	81	PF01073	
SDR11E2-1	sp P26439 3BHS2_HUMAN	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2	Hs.654399	ENSG00000203859	ENSP00000358424	372	PF01073	E
SDR11E2-3	tr B2R8L0 B2R8L0_HUMAN	cDNA, FLJ93951, highly similar to Homo sapiens hydroxy-delta-5-steroid dehydrogenase, 3 beta- andsteroid delta-isomerase	Hs.654399			372	PF01073	E
SDR11E2-4	tr Q5QP01 Q5QP01_HUMAN	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2		ENSG00000203859	ENSP00000388292	195	PF01073	E
SDR11E2-6	tr A0A024R0F9 A0A024R0F9_HUMAN	Hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 2, isoform CRA_a	Hs.654399			372	PF01073	E
SDR11E3-1	sp Q9H2F3 3BHS7_HUMAN	3 beta-hydroxysteroid dehydrogenase type 7	Hs.460618	ENSG00000099377	ENSP00000262520	369	PF01073	E
SDR11E3-4	tr I3L2H6 I3L2H6_HUMAN	3 beta-hydroxysteroid dehydrogenase type 7		ENSG00000099377	ENSP00000459689	176	PF01073	E
SDR11E3-5	tr I3L2Q9 I3L2Q9_HUMAN	3 beta-hydroxysteroid dehydrogenase type 7		ENSG00000099377	ENSP00000459852	219	PF01073	E
SDR11E5-1	tr Q6I955 Q6I955_HUMAN	3<beta>-HSD <psi>1 protein				173	PF01073	E
SDR11E5-2	tr P78550 P78550_HUMAN	3 beta-hydroxysteroid dehydrogenase homolog protein				54	PF01073	
SDR11E5-3	tr Q99888 Q99888_HUMAN	3 beta-hydroxysteroid dehydrogenase homolog protein				54	PF01073	
SDR11E7-2	tr Q99889 Q99889_HUMAN	3 beta-hydroxysteroid dehydrogenase homolog protein	Hs.681806			53	PF01073	
SDR11E7-3	tr Q8TDP9 Q8TDP9_HUMAN	3-beta-hydroxysteroid dehydrogenase	Hs.681806			256	PF01073	
SDR11E527-1	tr A0A0B5HME7 A0A0B5HME7_HUMAN	Truncated HSD3B2	Hs.654399			229	PF01073	E
SDR12C1-1	sp Q53GQ0 DHB12_HUMAN	Very-long-chain 3-oxoacyl-CoA reductase	Hs.132513	ENSG00000149084	ENSP00000278353	312	PF00106	C

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SDR12C1-3	tr B3KQJ0 B3KQJ0_HUMAN	cDNA FLJ90530 fis, clone NT2RP4002187, highly similar to Homo sapiens hydroxysteroid (17-beta) dehydrogenase 12 (HSD17B12	Hs.132513			312	PF00106	C
SDR12C1-4	tr B4DWS6 B4DWS6_HUMAN	cDNA FLJ61181, highly similar to Homo sapiens hydroxysteroid (17-beta) dehydrogenase 12 (HSD17B12), mRNA	Hs.132513			304	PF00106	C
SDR12C1-7	tr E9PI21 E9PI21_HUMAN	Very-long-chain 3-oxoacyl-CoA reductase		ENSG00000149084	ENSP00000436582	164	PF00106	U
SDR12C1-8	tr D3DR22 D3DR22_HUMAN	Hydroxysteroid (17-beta) dehydrogenase 12, isoform CRA_a	Hs.132513			352	PF00106	C
SDR12C2-1	sp P37058 DHB3_HUMAN	Testosterone 17-beta-dehydrogenase 3	Hs.477	ENSG00000130948	ENSP00000364411	310	PF00106	C
SDR12C2-2	tr Q6FH62 Q6FH62_HUMAN	HSD17B3 protein	Hs.477			310	PF00106	C
SDR12C3-1	sp Q3SXM5 HSDL1_HUMAN	Inactive hydroxysteroid dehydrogenase-like protein 1	Hs.555992	ENSG00000103160	ENSP00000219439	330	PF00106	C
SDR12C3-5	tr I6L975 I6L975_HUMAN	Hydroxysteroid dehydrogenase like 1	Hs.555992			330	PF00106	C
SDR12C3-6	tr H3BQI7 H3BQI7_HUMAN	Inactive hydroxysteroid dehydrogenase-like protein 1		ENSG00000103160	ENSP00000455797	108	PF00106	U
SDR12C3-7	tr H3BT52 H3BT52_HUMAN	Inactive hydroxysteroid dehydrogenase-like protein 1		ENSG00000103160	ENSP00000457026	111	PF00106	U
SDR13C1-1	sp Q6YN16 HSDL2_HUMAN	Hydroxysteroid dehydrogenase-like protein 2	Hs.59486	ENSG00000119471	ENSP00000381783	418	PF00106	C
SDR13C1-2	tr B2R923 B2R923_HUMAN	cDNA, FLJ94174	Hs.59486			345	PF00106	U
SDR13C1-7	tr B4E136 B4E136_HUMAN	cDNA FLJ61200, highly similar to Homo sapiens hydroxysteroid dehydrogenase like 2 (HSDL2), mRNA	Hs.59486			298		U
SDR13C1-13	tr A0A024R159 A0A024R159_HUMAN	Hydroxysteroid dehydrogenase like 2, isoform CRA_c	Hs.59486			345	PF00106	U
SDR14E1-1	sp Q8IZJ6 TDH_HUMAN	Inactive L-threonine 3-dehydrogenase, mitochondrial	Hs.583896			230	PF01370	U
SDR14E1-2	tr Q96KT1 Q96KT1_HUMAN	Putative uncharacterized protein	Hs.583896			249	PF01370	U
SDR15C1-1	sp Q9BUT1 BDH2_HUMAN	3-hydroxybutyrate dehydrogenase type 2	Hs.124696	ENSG00000164039	ENSP00000296424	245	PF00106	C

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR15C1-3	tr A8K5M0 A8K5M0_HUMAN	cDNA FLJ78346, highly similar to Homo sapiens 3-hydroxybutyrate dehydrogenase, type 2, mRNA	Hs.124696			173	PF00106	C
SDR15C1-4	tr B3KY19 B3KY19_HUMAN	cDNA FLJ46606 fis, clone THYMU3047891, highly similar to Dehydrogenase/reductase SDR family member 6 (EC 1.1.-.-)	Hs.124696			173	PF00106	C
SDR15C1-6	tr D6RBF6 D6RBF6_HUMAN	3-hydroxybutyrate dehydrogenase type 2		ENSG00000164039	ENSP00000424173	64		U
SDR15C1-7	tr D6RFG2 D6RFG2_HUMAN	3-hydroxybutyrate dehydrogenase type 2		ENSG00000164039	ENSP00000421516	90	PF00106	U
SDR15C1-8	tr D6R9U8 D6R9U8_HUMAN	3-hydroxybutyrate dehydrogenase type 2		ENSG00000164039	ENSP00000422891	116	PF00106	U
SDR15C1-9	tr D6RIR6 D6RIR6_HUMAN	3-hydroxybutyrate dehydrogenase type 2		ENSG00000164039	ENSP00000427442	130	PF00106	C
SDR15C1-10	tr D6R9P2 D6R9P2_HUMAN	Mitochondrial sodium/hydrogen exchanger 9B2		ENSG00000164038	ENSP00000423496	112	PF00106	U
SDR15C1-13	tr A0A024RDJ8 A0A024RDJ8_HUMAN	3-hydroxybutyrate dehydrogenase, type 2, isoform CRA_a	Hs.124696			173	PF00106	C
SDR15C1-14	tr A0A024RDG9 A0A024RDG9_HUMAN	3-hydroxybutyrate dehydrogenase, type 2, isoform CRA_b	Hs.124696			245	PF00106	C
SDR16C1-1	sp O75911 DHRS3_HUMAN	Short-chain dehydrogenase/reductase 3	Hs.289347	ENSG00000162496	ENSP00000480439	302	PF00106	C
SDR16C1-2	tr Q53HI7 Q53HI7_HUMAN	Dehydrogenase/reductase (SDR family) member 3 variant	Hs.289347			302	PF00106	C
SDR16C1-5	tr Q5SUY4 Q5SUY4_HUMAN	Short-chain dehydrogenase/reductase 3		ENSG00000162496	ENSP00000387903	147	PF00106	C
SDR16C1-6	tr Q0QD44 Q0QD44_HUMAN	Dehydrogenase/reductase member 3	Hs.289347			69	PF00106	U
SDR16C2-1	sp Q8NBQ5 DHB11_HUMAN	Estradiol 17-beta-dehydrogenase 11	Hs.594923	ENSG00000198189	ENSP00000351035	300	PF00106	C
SDR16C2-3	tr D6RCD0 D6RCD0_HUMAN	Estradiol 17-beta-dehydrogenase 11	Hs.594923	ENSG00000198189	ENSP00000423775	256	PF00106	U
SDR16C3-1	sp Q7Z5P4 DHB13_HUMAN	17-beta-hydroxysteroid dehydrogenase 13	Hs.284414	ENSG00000170509	ENSP00000305438	300	PF00106	C
SDR16C4-1	sp Q8IZV5 RDH10_HUMAN	Retinol dehydrogenase 10	Hs.244940	ENSG00000121039	ENSP00000240285	341	PF00106	C
SDR16C4-2	tr E5RHJ9 E5RHJ9_HUMAN	Retinol dehydrogenase 10		ENSG00000121039	ENSP00000429727	62	PF00106	U
SDR16C4-3	tr E5RK48 E5RK48_HUMAN	Retinol dehydrogenase 10	Hs.244940	ENSG00000121039	ENSP00000428132	176	PF00106	U



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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR16C4-4	tr A0A024R7X6 A0A024R7X6_HUMAN	Retinol dehydrogenase 10 (All-trans), isoform CRA_a	Hs.244940			341	PF00106	C
SDR16C5-1	sp Q8N3Y7 RDHE2_HUMAN	Epidermal retinol dehydrogenase 2	Hs.170673	ENSG00000170786	ENSP00000307607	309	PF00106	C
SDR16C5-3	tr B3KT84 B3KT84_HUMAN	cDNA FLJ37840 fis, clone BRSSN2011799, highly similar to Homo sapiens epidermal retinal dehydrogenase 2 (RDHE2), mRNA	Hs.170673			231	PF00106	C
SDR16C5-5	tr G3V145 G3V145_HUMAN	Epidermal retinol dehydrogenase 2	Hs.170673	ENSG00000170786	ENSP00000431010	318	PF00106	C
SDR17C1-1	sp Q9NUI1 DECR2_HUMAN	Peroxisomal 2,4-dienoyl-CoA reductase	Hs.628831	ENSG00000242612	ENSP00000219481	292	PF00106	C
SDR17C1-2	tr Q4VXZ8 Q4VXZ8_HUMAN	Peroxisomal 2,4-dienoyl-CoA reductase		ENSG00000242612	ENSP00000400374	280	PF00106	C
SDR17C1-4	tr G3V0I9 G3V0I9_HUMAN	2,4-dienoyl CoA reductase 2, peroxisomal, isoform CRA_a	Hs.628831	ENSG00000242612	ENSP00000402180	81	PF00106	U
SDR17C1-5	tr H7C078 H7C078_HUMAN	Peroxisomal 2,4-dienoyl-CoA reductase		ENSG00000242612	ENSP00000393382	94	PF00106	U
SDR18C1-1	sp Q16698 DECR_HUMAN	2,4-dienoyl-CoA reductase, mitochondrial	Hs.492212	ENSG00000104325	ENSP00000220764	335	PF00106	C
SDR18C1-2	tr Q7LDK6 Q7LDK6_HUMAN	2,4-dienoyl-CoA reductase	Hs.492212			188	PF00106	U
SDR18C1-4	tr E5RJD2 E5RJD2_HUMAN	2,4-dienoyl-CoA reductase, mitochondrial		ENSG00000104325	ENSP00000429096	151	PF00106	U
SDR18C1-5	tr E5RJG7 E5RJG7_HUMAN	2,4-dienoyl-CoA reductase, mitochondrial		ENSG00000104325	ENSP00000430561	181	PF00106	U
SDR18C1-6	tr E5RFV2 E5RFV2_HUMAN	2,4-dienoyl-CoA reductase, mitochondrial		ENSG00000104325	ENSP00000427936	205	PF00106	U
SDR18C1-9	tr A0A024R9D7 A0A024R9D7_HUMAN	2,4-dienoyl CoA reductase 1, mitochondrial, isoform CRA_b	Hs.492212			335	PF00106	C
SDR19C1-1	sp Q96LJ7 DHRS1_HUMAN	Dehydrogenase/reductase SDR family member 1	Hs.348350	ENSG00000157379	ENSP00000288111	313	PF00106	C
SDR19C1-4	tr H0YNC2 H0YNC2_HUMAN	Dehydrogenase/reductase (SDR family) member 1, isoform CRA_b	Hs.348350	ENSG00000157379	ENSP00000453949	147	PF00106	U
SDR20C1-1	sp Q7Z4W1 DCXR_HUMAN	L-xylulose reductase	Hs.9857	ENSG00000169738	ENSP00000303356	244	PF00106	C
SDR20C1-2	tr J3KS22 J3KS22_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000462272	223	PF00106	C
SDR20C1-3	tr J3QS36 J3QS36_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000464507	225	PF00106	C
SDR20C1-4	tr J3KRZ4 J3KRZ4_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000462226	141	PF00106	U
SDR20C1-5	tr J3KSZ5 J3KSZ5_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000462725	143	PF00106	C

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR20C1-6	tr J3QL34 J3QL34_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000463354	176	PF00106	C
SDR20C1-7	tr J3QRQ2 J3QRQ2_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000464332	86	PF00106	U
SDR20C1-8	tr J3QS45 J3QS45_HUMAN	L-xylulose reductase		ENSG00000169738	ENSP00000464518	100	PF00106	U
SDR21C1-1	sp P16152 CBR1_HUMAN	Carbonyl reductase [NADPH] 1	Hs.88778	ENSG00000159228	ENSP00000290349	277	PF00106	C
SDR21C1-3	tr A8MTM1 A8MTM1_HUMAN	Carbonyl reductase [NADPH] 1		ENSG00000159228	ENSP00000382143	222	PF00106	C
SDR21C1-5	tr E9PQ63 E9PQ63_HUMAN	Carbonyl reductase [NADPH] 1		ENSG00000159228	ENSP00000395132	178	PF00106	C
SDR21C2-1	sp O75828 CBR3_HUMAN	Carbonyl reductase [NADPH] 3	Hs.154510	ENSG00000159231	ENSP00000290354	277	PF00106	C
SDR21C2-2	tr Q53F60 Q53F60_HUMAN	Carbonyl reductase 3 variant	Hs.154510			277	PF00106	C
SDR21C2-4	tr O60874 O60874_HUMAN	Putative carbonyl reductase	Hs.154510			34		
SDR21C2-5	tr V9HW40 V9HW40_HUMAN	Epididymis secretory protein Li 25	Hs.154510			277	PF00106	C
SDR22E1-1	sp Q16795 NDUA9_HUMAN	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	Hs.75227	ENSG00000139180	ENSP00000266544	377	PF01370	U
SDR22E1-2	tr A8K4V2 A8K4V2_HUMAN	cDNA FLJ75930, highly similar to Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa (NDUFA9), mRNA	Hs.75227			377	PF01370	U
SDR22E1-3	tr Q9BTT5 Q9BTT5_HUMAN	Similar to NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 9 (39kD)	Hs.75227			338	PF01370	U
SDR22E1-4	tr F5GY40 F5GY40_HUMAN	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial		ENSG00000139180	ENSP00000440305	149	PF01073	
SDR23E1-1	sp Q9NZL9 MAT2B_HUMAN	Methionine adenosyltransferase 2 subunit beta	Hs.54642	ENSG00000038274	ENSP00000280969	334	PF01370	E
SDR23E1-3	tr A8K7A4 A8K7A4_HUMAN	cDNA FLJ76904, highly similar to Homo sapiens methionine adenosyltransferase II, beta (MAT2B), transcript variant 2, mRNA	Hs.54642			323	PF01370	E
SDR23E1-6	tr B7Z1X8 B7Z1X8_HUMAN	cDNA FLJ55836, highly similar to Homo sapiens methionine adenosyltransferase II, beta (MAT2B), transcript variant 2, mRNA	Hs.54642			228	PF01370	
SDR23E1-7	tr H7C0X7 H7C0X7_HUMAN	Methionine adenosyltransferase 2 subunit beta		ENSG00000038274	ENSP00000397371	198	PF01370	U

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR23E1-8	tr E5RJR3 E5RJR3_HUMAN	Methionine adenosyltransferase 2 subunit beta		ENSG00000038274	ENSP00000431071	117	PF01370	
SDR24C1-1	sp Q6UWP2 DHR11_HUMAN	Dehydrogenase/reductase SDR family member 11	Hs.462859	ENSG00000278535	ENSP00000477603	260	PF00106	C
SDR24C1-10	tr A0A087WYV4 A0A087WYV4_HUMAN	Dehydrogenase/reductase SDR family member 11		ENSG00000278535	ENSP00000482124	50	PF00106	U
SDR24C1-11	tr A0A087WZN3 A0A087WZN3_HUMAN	Dehydrogenase/reductase SDR family member 11		ENSG00000278535	ENSP00000482777	150	PF00106	C
SDR24C1-12	tr A0A087X0R1 A0A087X0R1_HUMAN	Dehydrogenase/reductase SDR family member 11		ENSG00000278535	ENSP00000483596	109		U
SDR24C378-1	tr A0A024R0T1 A0A024R0T1_HUMAN	Short-chain dehydrogenase/reductase, isoform CRA_b	Hs.462859			260	PF00106	C
SDR25C1-1	sp Q13268 DHRS2_HUMAN	Dehydrogenase/reductase SDR family member 2, mitochondrial	Hs.272499	ENSG00000100867	ENSP00000250383	280	PF00106	C
SDR25C1-4	tr Q59F08 Q59F08_HUMAN	Dehydrogenase/reductase (SDR family) member 2 isoform 2 variant	Hs.272499			166	PF00106	U
SDR25C1-7	tr C9JZP6 C9JZP6_HUMAN	Dehydrogenase/reductase SDR family member 2, mitochondrial		ENSG00000100867	ENSP00000401213	225	PF00106	C
SDR25C1-8	tr H0YJG9 H0YJG9_HUMAN	Dehydrogenase/reductase SDR family member 2, mitochondrial		ENSG00000100867	ENSP00000451485	161	PF00106	C
SDR25C1-9	tr H0YJP4 H0YJP4_HUMAN	Dehydrogenase/reductase SDR family member 2, mitochondrial		ENSG00000100867	ENSP00000451895	180	PF00106	C
SDR25C2-1	sp Q9BTZ2 DHRS4_HUMAN	Dehydrogenase/reductase SDR family member 4	Hs.528385	ENSG00000157326	ENSP00000326219	278	PF00106	C
SDR25C2-9	tr F5GWZ1 F5GWZ1_HUMAN	Dehydrogenase/reductase SDR family member 4		ENSG00000157326	ENSP00000440508	155	PF00106	U
SDR25C2-10	tr B7Z6Z5 B7Z6Z5_HUMAN	cDNA FLJ54180, highly similar to Homo sapiens dehydrogenase/ reductase (SDR family) member 4 (DHRS4), mRNA	Hs.528385			155	PF00106	U
SDR25C3-1	sp Q6PKH6 DR4L2_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2	Hs.743442	ENSG00000187630	ENSP00000334801	230	PF00106	C
SDR25C3-3	tr D3YTE6 D3YTE6_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000372203	276	PF00106	C
SDR25C3-4	tr E9PFL3 E9PFL3_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2	Hs.743442	ENSG00000187630	ENSP00000380261	192	PF00106	U

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR25C3-6	tr H0YN69 H0YN69_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000453889	242	PF00106	C
SDR25C3-7	tr H0YLE1 H0YLE1_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000453173	48	PF00106	U
SDR25C3-8	tr H0YKN3 H0YKN3_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000452875	109	PF00106	U
SDR25C3-9	tr D5KJA2 D5KJA2_HUMAN	Dehydrogenase/reductase (SDR family) member 4 like 2A	Hs.743442			140	PF00106	C
SDR25C3-10	tr F5H660 F5H660_HUMAN	NADP(H)-dependent retinol dehydrogenase/reductase short isoform-like protein	Hs.743442			164	PF00106	U
SDR25C3-11	tr F6TD35 F6TD35_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000439942	157	PF00106	U
SDR25C3-12	tr B4DW53 B4DW53_HUMAN	cDNA FLJ57627, moderately similar to Homo sapiens dehydrogenase/reductase (SDR family) member 4 like 2 (DHRS4L2), mRNA	Hs.743442			157	PF00106	U
SDR25C3-14	tr D5KJA1 D5KJA1_HUMAN	Dehydrogenase/reductase (SDR family) member 4 like 2A3	Hs.743442			216	PF00106	C
SDR25C3-16	tr A0A087WSZ6 A0A087WSZ6_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000441433	138	PF00106	C
SDR25C3-17	tr A0A087WXI8 A0A087WXI8_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2		ENSG00000187630	ENSP00000481066	215	PF00106	C
SDR25C3-18	tr F6VUV4 F6VUV4_HUMAN	Dehydrogenase/reductase SDR family member 4-like 2	Hs.743442	ENSG00000187630	ENSP00000441095	90		U
SDR25C4-1	sp P0CG22 DR4L1_HUMAN	Putative dehydrogenase/reductase SDR family member 4-like 1	Hs.647569			281	PF00106	C
SDR26C1-1	sp P28845 DHI1_HUMAN	Corticosteroid 11-beta-dehydrogenase isozyme 1	Hs.195040	ENSG00000117594	ENSP00000355994	292	PF00106	C
SDR26C1-10	tr A0A087WU76 A0A087WU76_HUMAN	Corticosteroid 11-beta-dehydrogenase isozyme 1		ENSG00000117594	ENSP00000478430	182	PF00106	C
SDR26C1-11	tr A0A0A0MQV1 A0A0A0MQV1_HUMAN	Corticosteroid 11-beta-dehydrogenase isozyme 1		ENSG00000117594	ENSP00000261465	278	PF00106	C
SDR26C1-12	tr X5D2L1 X5D2L1_HUMAN	Hydroxysteroid 11-beta dehydrogenase 1 isoform A	Hs.195040			292	PF00106	C

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR26C2-1	sp Q7Z5J1 DHI1L_HUMAN	Hydroxysteroid 11-beta-dehydrogenase 1-like protein	Hs.631840	ENSG00000167733	ENSP00000301382	315	PF00106	C
SDR26C2-7	tr J3KTC8 J3KTC8_HUMAN	Hydroxysteroid 11-beta-dehydrogenase 1-like protein		ENSG00000167733	ENSP00000462921	135	PF00106	U
SDR26C2-8	tr J3QSE6 J3QSE6_HUMAN	Hydroxysteroid 11-beta-dehydrogenase 1-like protein		ENSG00000167733	ENSP00000464652	143	PF00106	U
SDR26C2-9	tr A0A087WWR3 A0A087WWR3_HUMAN	Hydroxysteroid 11-beta-dehydrogenase 1-like protein	Hs.631840	ENSG00000167733	ENSP00000480443	333	PF00106	C
SDR27X1-1	sp P49327 FAS_HUMAN	Fatty acid synthase	Hs.83190	ENSG00000169710	ENSP00000304592	2511	PF00106	X
SDR28C1-1	sp P14061 DHB1_HUMAN	Estradiol 17-beta-dehydrogenase 1	Hs.654385	ENSG00000108786	ENSP00000466799	328	PF00106	C
SDR28C1-2	tr B3RFR9 B3RFR9_HUMAN	Hydroxysteroid (17-beta) dehydrogenase 1 isoform	Hs.654385			359	PF00106	C
SDR28C1-7	tr B4DTD0 B4DTD0_HUMAN	cDNA FLJ57084, highly similar to Estradiol 17-beta-dehydrogenase 1 (EC 1.1.1.62)	Hs.654385			151	PF00106	C
SDR28C1-8	tr B4DU11 B4DU11_HUMAN	Estradiol 17-beta-dehydrogenase 1	Hs.654385	ENSG00000108786	ENSP00000465128	149	PF00106	C
SDR28C1-9	tr B4DTB7 B4DTB7_HUMAN	cDNA FLJ57082, moderately similar to Estradiol 17-beta-dehydrogenase 1 (EC 1.1.1.62)	Hs.654385			122	PF00106	U
SDR28C1-15	tr A0A0A0MQS7 A0A0A0MQS7_HUMAN	Estradiol 17-beta-dehydrogenase 1	Hs.654385	ENSG00000108786	ENSP00000225929	329	PF00106	C
SDR28C2-1	sp Q9NYR8 RDH8_HUMAN	Retinol dehydrogenase 8	Hs.675522	ENSG00000080511	ENSP00000171214	311	PF00106	C
SDR28C2-2	tr K7ELF7 K7ELF7_HUMAN	Retinol dehydrogenase 8	Hs.675522	ENSG00000080511	ENSP00000466058	331	PF00106	C
SDR28C3-1	tr Q13034 Q13034_HUMAN	17 beta-hydroxysteroid dehydrogenase	Hs.654385			214	PF00106	C
SDR29C1-1	sp Q9BY49 PECR_HUMAN	Peroxisomal trans-2-enoyl-CoA reductase	Hs.281680	ENSG00000115425	ENSP00000265322	303	PF00106	C
SDR29C1-3	tr B4DJS2 B4DJS2_HUMAN	Peroxisomal trans-2-enoyl-CoA reductase	Hs.281680	ENSG00000115425	ENSP00000395512	157	PF00106	C
SDR30C1-1	sp Q92506 DHB8_HUMAN	Estradiol 17-beta-dehydrogenase 8	Hs.415058	ENSG00000112474	ENSP00000230236	261	PF00106	C
SDR31E1-1	sp Q15738 NSDHL_HUMAN	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	Hs.57698	ENSG00000147383	ENSP00000359297	373	PF01073	E
SDR31E1-2	tr C9JDR0 C9JDR0_HUMAN	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating		ENSG00000147383	ENSP00000396266	254	PF01073	E
SDR32C1-1	sp Q6IAN0 DRS7B_HUMAN	Dehydrogenase/reductase SDR family member 7B	Hs.386989	ENSG00000109016	ENSP00000378887	325	PF00106	C

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR32C1-5	tr J3KRS1 J3KRS1_HUMAN	Dehydrogenase/reductase SDR family member 7B		ENSG00000109016	ENSP00000462139	125	PF00106	U
SDR32C1-6	tr J3QKT1 J3QKT1_HUMAN	Dehydrogenase/reductase SDR family member 7B		ENSG00000109016	ENSP00000463221	126	PF00106	U
SDR32C1-7	tr J3QLJ8 J3QLJ8_HUMAN	Dehydrogenase/reductase SDR family member 7B		ENSG00000109016	ENSP00000463588	107	PF00106	U
SDR32C1-8	tr A0A0C4DGQ8 A0A0C4DGQ8_HUMAN	Dehydrogenase/reductase SDR family member 7B	Hs.386989	ENSG00000109016	ENSP00000468585	310	PF00106	C
SDR32C2-1	sp A6NNS2 DRS7C_HUMAN	Dehydrogenase/reductase SDR family member 7C	Hs.61684	ENSG00000184544	ENSP00000327975	312	PF00106	C
SDR32C2-4	tr I3NI52 I3NI52_HUMAN	Dehydrogenase/reductase SDR family member 7C		ENSG00000184544	ENSP00000461902	132		U
SDR33C1-1	sp P09417 DHPR_HUMAN	Dihydropteridine reductase	Hs.75438	ENSG00000151552	ENSP00000281243	244	PF00106	U
SDR33C1-4	tr B7Z415 B7Z415_HUMAN	Dihydropteridine reductase	Hs.75438	ENSG00000151552	ENSP00000423227	152		
SDR33C1-5	tr D6RGG7 D6RGG7_HUMAN	Dihydropteridine reductase		ENSG00000151552	ENSP00000426377	162		
SDR34C1-1	sp Q9Y394 DHRS7_HUMAN	Dehydrogenase/reductase SDR family member 7	Hs.59719	ENSG00000100612	ENSP00000216500	339	PF00106	C
SDR34C1-2	tr Q659E8 Q659E8_HUMAN	Putative uncharacterized protein DKFZp564H1664	Hs.59719			375	PF00106	C
SDR34C1-6	tr H0YJ66 H0YJ66_HUMAN	Dehydrogenase/reductase SDR family member 7		ENSG00000100612	ENSP00000450899	399	PF00106	C
SDR34C1-7	tr H0YJE4 H0YJE4_HUMAN	Dehydrogenase/reductase SDR family member 7		ENSG00000100612	ENSP00000451321	160	PF00106	U
SDR34C1-8	tr H0YJR8 H0YJR8_HUMAN	Dehydrogenase/reductase SDR family member 7		ENSG00000100612	ENSP00000452026	212	PF00106	C
SDR34C1-9	tr A0A087X0Z7 A0A087X0Z7_HUMAN	Dehydrogenase/reductase SDR family member 7		ENSG00000100612	ENSP00000483770	376	PF00106	C
SDR35C1-1	sp Q06136 KDSR_HUMAN	3-ketodihydrosphingosine reductase	Hs.74050	ENSG00000119537	ENSP00000312939	332	PF00106	C
SDR35C1-6	tr K7EQS7 K7EQS7_HUMAN	3-ketodihydrosphingosine reductase		ENSG00000119537	ENSP00000467962	155	PF00106	U
SDR35C1-7	tr K7ERC8 K7ERC8_HUMAN	3-ketodihydrosphingosine reductase		ENSG00000119537	ENSP00000468203	203	PF00106	C
SDR35C1-8	tr A0A024R292 A0A024R292_HUMAN	Follicular lymphoma variant translocation 1, isoform CRA_a	Hs.74050			332	PF00106	C
SDR36C1-1	sp P15428 PGDH_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]	Hs.596913	ENSG00000164120	ENSP00000296521	266	PF00106	C

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR36C1-5	tr Q9NZQ5 Q9NZQ5_HUMAN	NAD+-dependent 15-hydroxyprostaglandin dehydrogenase	Hs.596913			72	PF00106	U
SDR36C1-9	tr D6RHF8 D6RHF8_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]		ENSG00000164120	ENSP00000427699	37	PF00106	U
SDR36C1-10	tr E9PD69 E9PD69_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]		ENSG00000164120	ENSP00000425741	87	PF00106	U
SDR36C1-11	tr D6RA66 D6RA66_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]		ENSG00000164120	ENSP00000423110	97	PF00106	U
SDR36C1-12	tr D6RA83 D6RA83_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]		ENSG00000164120	ENSP00000423066	99	PF00106	U
SDR36C1-13	tr E9PBZ2 E9PBZ2_HUMAN	15-hydroxyprostaglandin dehydrogenase [NAD(+)]	Hs.596913	ENSG00000164120	ENSP00000420892	176	PF00106	C
SDR37C1-1	sp P56937 DHB7_HUMAN	3-keto-steroid reductase	Hs.492925	ENSG00000132196	ENSP00000254521	341	PF00106	C
SDR37C1-3	tr Q9H9C0 Q9H9C0_HUMAN	HCG2024989, isoform CRA_i	Hs.492925			155	PF00106	C
SDR37C1-4	tr Q5T248 Q5T248_HUMAN	3-keto-steroid reductase	Hs.492925	ENSG00000132196	ENSP00000356889	111	PF00106	U
SDR37C1-5	tr Q5T249 Q5T249_HUMAN	3-keto-steroid reductase		ENSG00000132196	ENSP00000356892	84	PF00106	U
SDR37C1-9	tr F2Z2C2 F2Z2C2_HUMAN	3-keto-steroid reductase		ENSG00000132196	ENSP00000436334	109	PF00106	U
SDR37C1-14	tr A0A024R913 A0A024R913_HUMAN	HCG2024989, isoform CRA_a	Hs.492925			341	PF00106	C
SDR37C2-3	tr Q5MGS6 Q5MGS6_HUMAN	17beta-hydroxysteroid dehydrogenase type 7 form 2	Hs.652484			229	PF00106	C
SDR37C2-4	tr B4DF79 B4DF79_HUMAN	cDNA FLJ60462, highly similar to 3-keto-steroid reductase (EC 1.1.1.270)	Hs.652484			225	PF00106	C
SDR37C2-5	tr Q9NRW5 Q9NRW5_HUMAN	17-beta-hydroxysteroid dehydrogenase type VII	Hs.652484			223	PF00106	C
SDR37C2-6	tr Q9NRW6 Q9NRW6_HUMAN	17-beta-hydroxysteroid dehydrogenase type VII isoform	Hs.652484			111	PF00106	U
SDR37C2-7	tr B4DHZ4 B4DHZ4_HUMAN	cDNA FLJ60549, moderately similar to 3-keto-steroid reductase (EC 1.1.1.270)	Hs.652484			112	PF00106	U
SDR38C1-1	sp P35270 SPRE_HUMAN	Sepiapterin reductase	Hs.301540	ENSG00000116096	ENSP00000234454	261	PF00106	C
SDR38C1-2	tr B4DSF0 B4DSF0_HUMAN	cDNA FLJ56734, moderately similar to Sepiapterin reductase (EC 1.1.1.153)				123	PF00106	U
SDR38C1-3	tr Q93041 Q93041_HUMAN	Sepiapterin reductase	Hs.301540			47		
SDR38C1-4	tr Q9UEC5 Q9UEC5_HUMAN	Putative uncharacterized protein SPR	Hs.301540			62		
SDR39U1-1	sp Q9NRG7 D39U1_HUMAN	Epimerase family protein SDR39U1	Hs.643552	ENSG00000100445	ENSP00000382322	319		
SDR39U1-5	tr Q86TZ5 Q86TZ5_HUMAN	Epimerase family protein SDR39U1	Hs.643552	ENSG00000100445	ENSP00000452438	185		

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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR39U1-6	tr G3V4Z0 G3V4Z0_HUMAN	Epimerase family protein SDR39U1		ENSG00000100445	ENSP00000452076	169		
SDR39U1-7	tr F6RWC2 F6RWC2_HUMAN	Epimerase family protein SDR39U1	Hs.643552	ENSG00000100445	ENSP00000446077	211		
SDR39U1-8	tr H0YJ71 H0YJ71_HUMAN	Epimerase family protein SDR39U1		ENSG00000100445	ENSP00000450915	185		
SDR40C1-1	sp A0PJE2 DHR12_HUMAN	Dehydrogenase/reductase SDR family member 12	Hs.266728	ENSG00000102796	ENSP00000218981	317	PF00106	C
SDR40C1-4	tr A0A087WUE0 A0A087WUE0_HUMAN	Dehydrogenase/reductase SDR family member 12		ENSG00000102796	ENSP00000478573	100		U
SDR41C1-1	sp Q9NZC7 WVOX_HUMAN	WW domain-containing oxidoreductase	Hs.461453	ENSG00000186153	ENSP00000348119	414	PF00106	C
SDR41C1-3	tr A8K5I5 A8K5I5_HUMAN	cDNA FLJ78250, highly similar to Homo sapiens WW domain containing oxidoreductase (WVOX), transcript variant 1, mRNA	Hs.461453			414	PF00106	C
SDR41C1-4	tr B3KNJ9 B3KNJ9_HUMAN	cDNA FLJ14720 fis, clone NT2RP3001495, highly similar to WW domain-containing oxidoreductase (EC 1.1.1.-)	Hs.461453			414	PF00106	C
SDR41C1-5	tr B4DPG3 B4DPG3_HUMAN	cDNA FLJ56924, highly similar to WW domain-containing oxidoreductase (EC 1.1.1.-)	Hs.461453			301	PF00106	C
SDR41C1-13	tr Q12953 Q12953_HUMAN	Oxidoreductase	Hs.461453			370	PF00106	U
SDR41C1-14	tr A0A087WZG5 A0A087WZG5_HUMAN	WW domain-containing oxidoreductase		ENSG00000186153	ENSP00000482648	150		U
SDR42E1-1	sp Q8WUS8 D42E1_HUMAN	Short-chain dehydrogenase/reductase family 42E member 1	Hs.87779	ENSG00000184860	ENSP00000332407	393	PF01073	E
SDR42E1-2	tr E9PQ06 E9PQ06_HUMAN	Short-chain dehydrogenase/reductase family 42E member 1		ENSG00000184860	ENSP00000434529	195	PF01073	E
SDR42E2-1	sp A6NKP2 D42E2_HUMAN	Putative short-chain dehydrogenase/reductase family 42E member 2		ENSG00000183921	ENSP00000473474	422	PF01073	E
SDR43U1-1	sp P30043 BLVRB_HUMAN	Flavin reductase (NADPH)	Hs.515785	ENSG00000090013	ENSP00000263368	206	PF01370	
SDR43U1-2	tr V9HWI1 V9HWI1_HUMAN	Epididymis secretory protein Li 10	Hs.515785			206	PF01370	
SDR44U1-1	sp Q9BUP3 HTAI2_HUMAN	Oxidoreductase HTATIP2	Hs.90753	ENSG00000109854	ENSP00000392985	242		
SDR44U1-2	tr E9PI87 E9PI87_HUMAN	Oxidoreductase HTATIP2		ENSG00000109854	ENSP00000436729	196		
SDR45C1-1	sp Q8N4T8 CBR4_HUMAN	Carbonyl reductase family member 4	Hs.659311	ENSG00000145439	ENSP00000303525	237	PF00106	C
SDR45C1-3	tr D6RAV8 D6RAV8_HUMAN	Carbonyl reductase family member 4		ENSG00000145439	ENSP00000424717	51	PF00106	U
SDR45C1-4	tr D6RGF2 D6RGF2_HUMAN	Carbonyl reductase family member 4		ENSG00000145439	ENSP00000421254	60	PF00106	U



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SDR member	Uniprot identifier	Uniprot description	Unigene	Ensembl gene ID	Ensembl protein ID	Seq len	Pfam	Type
SDR45C1-5	tr D6RJF4 D6RJF4_HUMAN	Carbonyl reductase family member 4		ENSG00000145439	ENSP00000425671	60	PF00106	U
SDR45C1-6	tr B4DSP7 B4DSP7_HUMAN	cDNA FLJ61376, moderately similar to Homo sapiens carbonic reductase 4 (CBR4), mRNA				109	PF00106	U
SDR45C1-7	tr H0Y962 H0Y962_HUMAN	Carbonyl reductase family member 4		ENSG00000145439	ENSP00000423128	186	PF00106	C
SDR47C1-1	sp Q9BPX1 DHB14_HUMAN	17-beta-hydroxysteroid dehydrogenase 14	Hs.18788	ENSG00000087076	ENSP00000263278	270	PF00106	C
SDR47C1-2	tr M0QY35 M0QY35_HUMAN	17-beta-hydroxysteroid dehydrogenase 14		ENSG00000087076	ENSP00000469557	176	PF00106	C
SDR47C1-3	tr M0R2R3 M0R2R3_HUMAN	17-beta-hydroxysteroid dehydrogenase 14		ENSG00000087076	ENSP00000472746	246	PF00106	U
SDR47C1-4	tr M0R147 M0R147_HUMAN	17-beta-hydroxysteroid dehydrogenase 14		ENSG00000087076	ENSP00000471631	106		U
SDR48A1-1	sp Q9HBL8 NMRL1_HUMAN	NmrA-like family domain-containing protein 1	Hs.288969	ENSG00000153406	ENSP00000283429	299	PF00106	
SDR48A1-3	tr I3L0Y6 I3L0Y6_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000458425	188		
SDR48A1-4	tr I3L1Q7 I3L1Q7_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000459022	57		
SDR48A1-5	tr I3L1Y8 I3L1Y8_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000459221	190		
SDR48A1-6	tr I3L3I6 I3L3I6_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000460476	224		
SDR48A1-7	tr I3L3Z0 I3L3Z0_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000460837	124		
SDR48A1-8	tr I3L543 I3L543_HUMAN	NmrA-like family domain-containing protein 1		ENSG00000153406	ENSP00000461763	159		