

HGNC approved gene symbol	Transcript	OMIM gene ID	median depth	% covered >10x	% covered >20x	% covered >30x	% covered >50x
<i>ABCB7</i>	NM_001271696	300135	99	100	100	98	95
<i>ABCD1</i>	NM_000033	300371	77	74	71	68	63
<i>ABHD12</i>	NM_001042472	613599	72	100	98	89	77
<i>ACTB</i>	NM_0011101	102630	81	100	100	99	97
<i>ADCK3</i>	NM_020247	NA	86	100	100	99	92
<i>ADCY5</i>	NM_001199642	600293	79	100	100	99	93
<i>AFG3L2</i>	NM_006796	604581	80	96	90	83	68
<i>ALDH3A2</i>	NM_000382	609523	82	100	99	94	83
<i>ANO10</i>	NM_001204833	613726	80	100	97	96	86
<i>ANO3</i>	NM_031418	610110	84	100	99	97	88
<i>AP4B1</i>	NM_001253853	607245	96	100	100	99	95
<i>AP4E1</i>	NM_007347	607244	71	100	99	95	80
<i>AP4M1</i>	NM_004722	602296	89	100	100	98	97
<i>AP4S1</i>	NM_007077	607243	68	100	100	97	86
<i>AP5Z1</i>	NM_014855	613653	76	100	100	96	90
<i>APTX</i>	NM_001195250	606350	79	95	93	89	81
<i>ARSA</i>	NM_001085428	607574	81	100	100	100	98
<i>ARX</i>	NM_139058	300382	32	85	77	55	30
<i>ASPA</i>	NM_001128085	608034	85	100	95	86	78
<i>ATCAY</i>	NM_033064	608179	77	100	100	98	88
<i>ATL1</i>	NM_015915	606439	100	100	99	96	90
<i>ATM</i>	NM_000051	607585	79	100	97	88	76
<i>ATP13A2</i>	NM_001141973	610513	82	100	100	99	94
<i>ATP1A3</i>	NM_001256214	182350	99	100	100	100	99
<i>ATP2B3</i>	NM_001001344	300014	94	100	99	96	89
<i>ATP7B</i>	NM_001005918	606882	104	100	100	99	96
<i>B4GALNT1</i>	NM_001478	601873	82	100	97	93	88
<i>BCAP31</i>	NM_001139457	300398	58	97	88	78	65
<i>BCKDHA</i>	NM_000709	608348	112	100	100	99	98
<i>BCKDHB</i>	NM_000056	248611	83	98	90	87	75
<i>BSC12</i>	NM_032667	606158	97	100	100	100	97
<i>C10orf2</i>	NM_001163812	NA	139	100	100	100	99
<i>C12orf65</i>	NM_152269	613541	77	100	100	96	92
<i>C19orf12</i>	NM_001282929	614297	85	100	100	100	96
<i>CA8</i>	NM_004056	114815	74	100	97	96	89
<i>CACNA1A</i>	NM_000068	601011	67	99	98	95	83
<i>CACNB4</i>	NM_001005747	601949	74	100	100	99	94
<i>CCT5</i>	NM_012073	610150	92	100	100	97	91
<i>CIZ1</i>	NM_001131018	611420	110	99	97	95	91
<i>COASY</i>	NM_001042529	609855	94	100	100	100	100
<i>COQ2</i>	NM_015697	609825	73	100	99	97	79

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<i>COQ9</i>	NM_020312	612837	65	100	94	89	72
<i>CP</i>	NM_000096	117700	78	94	89	84	73
<i>CSTB</i>	NM_000100	601145	80	100	93	89	87
<i>CYP27A1</i>	NM_000784	606530	106	100	100	99	99
<i>CYP2U1</i>	NM_183075	610670	105	97	95	93	91
<i>CYP7B1</i>	NM_004820	603711	76	99	93	89	85
<i>DBT</i>	NM_001918	248610	71	100	96	90	72
<i>DCAF17</i>	NM_001164821	612515	69	100	97	89	69
<i>DCTN1</i>	NM_004082	601143	85	100	100	98	94
<i>DDC</i>	NM_001242887	107930	71	100	97	92	80
<i>DDHD1</i>	NM_030637	614603	98	99	97	94	85
<i>DDHD2</i>	NM_015214	615003	91	100	100	98	90
<i>DLAT</i>	NM_001931	608770	74	100	99	94	78
<i>DLD</i>	NM_001289751	238331	79	100	100	99	89
<i>DNMT1</i>	NM_001379	126375	76	100	100	98	91
<i>EIF2B1</i>	NM_001414	606686	93	100	100	100	93
<i>EIF2B2</i>	NM_014239	606454	76	100	99	97	95
<i>EIF2B3</i>	NM_001261418	606273	86	100	100	100	100
<i>EIF2B4</i>	NM_015636	606687	97	100	100	99	99
<i>EIF2B5</i>	NM_003907	603945	74	100	100	99	93
<i>EIF4G1</i>	NM_001194946	600495	97	100	100	99	96
<i>ELOVL5</i>	NM_001242831	611805	71	100	100	100	100
<i>ERLIN2</i>	NM_001003791	611605	94	100	100	100	94
<i>FA2H</i>	NM_024306	611026	61	97	87	83	75
<i>FAR1</i>	NM_032228	616107	53	97	93	81	54
<i>FBXO7</i>	NM_001033024	605648	116	100	100	98	92
<i>FGF14</i>	NM_004115	601515	108	100	100	100	99
<i>FLVCR1</i>	NM_014053	609144	92	100	98	94	89
<i>FTL</i>	NM_000146	134790	133	100	100	98	96
<i>GALC</i>	NM_001201402	606890	71	100	99	94	79
<i>GAN</i>	NM_022041	605379	115	100	100	98	90
<i>GBA</i>	NM_000157	606463	114	100	100	100	100
<i>GBA2</i>	NM_020944	609471	109	100	100	100	99
<i>GCDH</i>	NM_000159	608801	94	100	100	99	97
<i>GCH1</i>	NM_000161	600225	64	100	100	92	73
<i>GFAP</i>	NM_001131019	137780	66	100	98	92	75
<i>GJC2</i>	NM_020435	608803	28	84	61	49	44
<i>GLB1</i>	NM_001135602	611458	73	100	95	90	81
<i>GNAL</i>	NM_001142339	139312	87	100	100	98	95
<i>GOSR2</i>	NM_054022	604027	79	100	99	97	95
<i>GPR56</i>	NM_001290142	NA	85	100	100	100	96
<i>GRID2</i>	NM_001510	602368	94	100	100	99	93
<i>GRM1</i>	NM_001278064	604473	106	100	100	99	98
<i>HEXB</i>	NM_000521	606873	100	100	99	95	82

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<i>HPRT1</i>	NM_000194	308000	49	98	90	79	45
<i>HSPD1</i>	NM_002156	118190	75	99	96	91	82
<i>ITPR1</i>	NM_002222	147265	91	100	100	99	94
<i>KCNA1</i>	NM_000217	176260	117	100	100	99	98
<i>KCNC1</i>	NM_001112741	176258	92	100	100	100	100
<i>KCNC3</i>	NM_004977	176264	52	74	61	55	52
<i>KCNJ10</i>	NM_002241	602208	132	100	99	96	95
<i>KCTD7</i>	NM_001167961	611725	111	100	100	100	100
<i>KIAA0196</i>	NM_014846	NA	90	100	100	97	92
<i>KIAA0226</i>	NM_001145642	NA	69	100	99	96	83
<i>KIF1A</i>	NM_001244008	601255	71	100	97	95	83
<i>KIF1C</i>	NM_006612	603060	93	100	100	98	93
<i>KIF5A</i>	NM_004984	602821	77	100	100	99	93
<i>L1CAM</i>	NM_024003	308840	90	100	100	99	96
<i>MARS2</i>	NM_138395	609728	125	100	100	100	99
<i>MECP2</i>	NM_004992	300005	79	100	97	93	84
<i>MICU1</i>	NM_001195518	605084	74	100	96	91	88
<i>MMADHC</i>	NM_015702	611935	60	97	88	81	63
<i>MRE11A</i>	NM_005591	NA	38	98	86	64	39
<i>MTHFR</i>	NM_005957	607093	74	100	100	99	96
<i>MTPAP</i>	NM_018109	613669	94	100	94	85	79
<i>MTTP</i>	NM_000253	157147	81	100	100	98	92
<i>NIPA1</i>	NM_001142275	608145	132	100	100	100	87
<i>NKX2-1</i>	NM_001079668	600635	62	100	95	79	64
<i>NOL3</i>	NM_001276311	605235	127	100	97	95	94
<i>NPC1</i>	NM_000271	607623	86	100	99	97	91
<i>NPC2</i>	NM_006432	601015	90	100	100	100	98
<i>NUP62</i>	NM_001193357	605815	90	100	100	100	86
<i>OPA1</i>	NM_130835	605290	79	100	98	92	75
<i>PANK2</i>	NM_024960	606157	114	100	100	100	100
<i>PAX6</i>	NM_000280	607108	90	100	100	100	96
<i>PDE8B</i>	NM_001029854	603390	68	100	99	98	87
<i>PDGFB</i>	NM_033016	190040	70	100	100	100	97
<i>PDGFRB</i>	NM_002609	173410	87	100	98	95	89
<i>PDHA1</i>	NM_000284	300502	71	100	96	94	83
<i>PDHX</i>	NM_003477	608769	90	100	100	97	90
<i>PDSS1</i>	NM_014317	607429	79	97	91	87	83
<i>PDSS2</i>	NM_020381	610564	84	99	95	91	83
<i>PDYN</i>	NM_001190892	131340	94	100	100	100	98
<i>PEX10</i>	NM_002617	602859	77	100	93	91	89
<i>PEX7</i>	NM_000288	601757	83	100	96	91	83
<i>PHYH</i>	NM_001037537	602026	60	100	99	90	74
<i>PIK3R5</i>	NM_001251851	611317	87	100	100	100	99
<i>PLA2G6</i>	NM_001004426	603604	69	100	98	94	84

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<i>PLP1</i>	NM_001128834	300401	71	100	99	97	80
<i>PMM2</i>	NM_000303	601785	96	100	100	98	96
<i>PNKD</i>	NM_022572	609023	79	100	100	99	97
<i>PNKP</i>	NM_007254	605610	82	100	100	99	97
<i>PNPLA6</i>	NM_001166111	603197	84	100	100	98	94
<i>POLG</i>	NM_001126131	174763	80	100	99	98	91
<i>PRKCG</i>	NM_002739	176980	97	100	99	97	93
<i>PRKRA</i>	NM_001139517	603424	123	100	100	100	100
<i>PRRT2</i>	NM_001256443	614386	94	100	100	100	100
<i>REEP1</i>	NM_001164730	609139	74	100	100	98	86
<i>RNASEH2A</i>	NM_006397	606034	89	100	100	99	98
<i>RNASEH2B</i>	NM_001142279	610326	79	99	95	90	81
<i>RNASEH2C</i>	NM_032193	610330	159	100	100	100	100
<i>RNF170</i>	NM_001160225	614649	90	100	99	96	93
<i>RTN2</i>	NM_206900	603183	120	100	100	98	94
<i>SACS</i>	NM_001278055	604490	111	100	100	100	99
<i>SAMHD1</i>	NM_015474	606754	89	100	99	92	80
<i>SCN8A</i>	NM_001177984	600702	103	100	100	99	97
<i>SERAC1</i>	NM_032861	614725	79	100	99	94	87
<i>SETX</i>	NM_015046	608465	112	100	100	97	90
<i>SGCE</i>	NM_001099400	604149	65	100	96	91	69
<i>SIL1</i>	NM_001037633	608005	86	100	98	96	88
<i>SLC12A6</i>	NM_001042494	604878	76	100	100	100	96
<i>SLC16A2</i>	NM_006517	300095	45	98	88	75	37
<i>SLC19A3</i>	NM_025243	606152	111	100	100	100	99
<i>SLC1A3</i>	NM_001166696	600111	77	100	100	100	100
<i>SLC20A2</i>	NM_001257180	158378	70	100	98	93	78
<i>SLC25A15</i>	NM_014252	603861	73	99	95	91	89
<i>SLC2A1</i>	NM_006516	138140	111	100	100	100	97
<i>SLC30A10</i>	NM_018713	611146	118	100	100	100	97
<i>SLC33A1</i>	NM_001190992	603690	112	99	95	90	88
<i>SLC52A2</i>	NM_001253816	607882	106	100	100	100	100
<i>SLC6A3</i>	NM_001044	126455	83	100	100	99	95
<i>SLC9A1</i>	NM_003047	107310	83	100	100	100	97
<i>SMPD1</i>	NM_001007593	607608	106	100	99	96	89
<i>SNCA</i>	NM_000345	163890	78	100	100	100	100
<i>SNX14</i>	NM_020468	616105	58	100	94	82	60
<i>SPAST</i>	NM_014946	604277	64	100	95	87	68
<i>SPG11</i>	NM_025137	610844	82	100	98	93	82
<i>SPG20</i>	NM_001142294	NA	92	100	98	93	92
<i>SPG21</i>	NM_001127890	608181	98	100	98	94	83
<i>SPG7</i>	NM_003119	602783	78	99	95	92	84
<i>SPR</i>	NM_003124	182125	109	100	100	94	71
<i>SPTBN2</i>	NM_006946	604985	82	100	100	98	92

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<i>STUB1</i>	NM_005861	607207	178	100	100	99	98
<i>SUOX</i>	NM_000456	606887	119	100	100	100	99
<i>SYNE1</i>	NM_182961	608441	81	100	99	97	89
<i>TAF1</i>	NM_001286074	313650	80	100	98	96	90
<i>TDP1</i>	NM_001008744	607198	79	100	98	95	87
<i>TECPR2</i>	NM_014844	615000	85	100	100	99	94
<i>TGM6</i>	NM_198994	613900	107	100	98	94	90
<i>TH</i>	NM_000360	191290	60	100	98	93	76
<i>THAP1</i>	NM_018105	609520	84	100	100	100	99
<i>TIMM8A</i>	NM_001145951	300356	61	100	100	93	85
<i>TMEM240</i>	NM_001114748	616101	100	100	100	100	94
<i>TMEM67</i>	NM_001142301	609884	57	99	92	80	63
<i>TOR1A</i>	NM_000113	605204	93	100	100	99	92
<i>TREX1</i>	NM_007248	606609	146	100	100	100	100
<i>TTBK2</i>	NM_173500	611695	91	100	100	99	97
<i>TTC19</i>	NM_001271420	613814	75	100	98	95	86
<i>TTPA</i>	NM_000370	600415	67	97	89	78	63
<i>TUBB4A</i>	NM_001289130	602662	105	100	100	100	88
<i>VAMP1</i>	NM_001297438	185880	83	100	100	100	100
<i>VCP</i>	NM_007126	601023	76	100	100	98	91
<i>VLDLR</i>	NM_003383	192977	115	100	100	99	96
<i>VPS13A</i>	NM_033305	605978	50	99	92	78	51
<i>VPS37A</i>	NM_001145152	609927	40	93	79	60	44
<i>WDR45</i>	NM_001029896	300526	66	99	97	94	91
<i>WDR81</i>	NM_001163809	614218	116	100	100	99	97
<i>WWOX</i>	NM_001291997	605131	92	100	100	100	99
<i>XPR1</i>	NM_004736	605237	87	100	100	98	89
<i>ZFYVE26</i>	NM_015346	612012	72	100	99	94	81
<i>ZFYVE27</i>	NM_001174121	610243	65	100	100	100	90
<i>ZNF592</i>	NM_014630	613624	111	100	100	100	99