

Gene name	Ensembl ID	Covered region	Chromosome	Location (GRCh37)	Transcript length (bp)	Translation length (aa)	Exons	* OMIM MIM number	# OMIM phenotype	OMIM inheritance
ABCG5	ENSG00000138075	exonic	2	44,039,611-44,065,958	2740	651	13	* 605459	# 618666	AR
ABCG8	ENSG00000143921	exonic	2	44,066,103-44,105,605	2679	673	13	* 605460	# 611465, # 210250	AR
AMELX	ENSG00000125363	exonic	X	11,311,533-11,318,881	835	205	7	* 300391	# 301200	XLD
APOA5	ENSG00000110243	exonic	11	116,660,086-116,663,136	1954	366	4	* 606368	# 145750, # 144650	AD
APOB	ENSG00000084674	exonic+intronic*	2	21,224,301-21,266,945	14121	4563	29	* 107730	# 144010, # 615558	AD, AR
APOC2	ENSG00000234906	exonic	19	45,449,243-45,452,822	717	101	4	* 608083	# 207750	AR
APOE	ENSG00000130203	exonic	19	45,409,039-45,412,650	1223	317	4	* 107741	# 607822, # 603075, # 617347, # 104310, # 617347, # 611771, # 269600	AD, AR
CYP27A1	ENSG00000135929	exonic	2	219,646,472-219,680,016	2388	531	9	* 606530	# 213700	AR
DHCR24	ENSG00000116133	exonic	1	55,315,300-55,352,921	4286	516	9	* 606418	# 602398	AR
DHCR7	ENSG00000172893	exonic	11	71,145,457-71,159,477	2665	475	9	* 602858	# 270400	AR
GCKR	ENSG00000084734	exonic	2	27,719,706-27,746,550	2197	625	19	* 600842	# 613463	.
GPIHBP1	ENSG00000277494	exonic	8	144,295,068-144,299,044	2296	184	4	* 612757	# 615947	AR
HMGCR	ENSG00000113161	exonic	5	74,632,154-74,657,926	4738	908	20	+ 142910	.	.
LDLR	ENSG00000130164	exonic+intronic*	19	11,200,038-11,244,505	5292	860	18	* 606945	# 143890	AD, AR
LDLRAP1	ENSG00000157978	exonic	1	25,870,076-25,895,377	2935	308	9	* 605747	# 603813	AR
LDLR-AS1	.	exonic	19	11,199,744-11,200,335	592	.	1	.	.	.
LIPA	ENSG00000107798	exonic	10	90,973,326-91,011,660	2669	399	10	* 613497	# 278000	AR
LIPC	ENSG00000166035	exonic	15	58,702,775-58,861,073	2155	499	11	* 151670	# 612797, # 125853, # 614025	AD, AR
LPL	ENSG00000175445	exonic	8	19,796,582-19,824,770	3747	475	10	* 609708	# 238600, # 144250	AD, AR
NPC1L1	ENSG00000015520	exonic	7	44,552,135-44,580,914	5066	1359	20	* 608010	# 617966	.
PCSK9	ENSG00000169174	exonic+intronic*	1	55,505,149-55,530,526	3731	692	12	* 607786	# 603776	AD
SORT1	ENSG00000134243	exonic	1	109,852,188-109,940,563	7034	831	20	* 602458	# 613589	AD
STAP1	ENSG00000035720	exonic	4	68,424,446-68,472,616	1524	295	9	* 604298	.	.
SRY	ENSG00000184895	exonic	Y	2,654,896-2,655,792	897	204	1	* 480000	# 400044, # 400045	YL, XLD
USF1	ENSG00000158773	exonic	1	161,009,041-161,015,769	1830	310	11	* 191523	# 602491	.