

chromosome	Position	Direct QTL effect	Gene	SIFT deleterious	SIFT tolerated	Domain	Stop gain/lost	Splice site	UTRs	Promoter	CTCF binds	Enhancer	Expression	Annotation	SCORE
Score points															
3	97628804-97655282		Gatad1	Fma5	3	1	3	3	3	1	3	1	1	2	1
3	98015127-98150361		Gatad1	Nctc2h	0	1	3	0	0	1	3	0	1	2	1
3	98182461-98753812		Gatad1	Zfp697	3	0	3	0	0	1	0	0	0	2	1
3	97950742-97912023		Gatad1	Chn1	0	1	3	0	0	0	3	0	0	2	0
3	97689824-97888707		Gatad1	Pdk4dip	0	1	3	0	0	1	3	0	1	0	0
3	98709255-98724543		Gatad1	Hic3b2	3	0	3	0	0	0	0	0	0	2	1
3	98708743-98628353		Gatad1	Cctd10	0	1	3	0	0	1	3	0	1	0	0
3	98618634-98630252		Gatad1	Hic3b5	3	0	3	0	0	1	0	0	0	0	1
3	98696036-98699775		Gatad1	Ankrd3a	3	0	3	0	0	1	0	0	0	0	0
3	98670131-98691023		Gatad1	Ankrd55	0	1	3	0	0	0	3	0	0	0	7
3	95760241-95818863		Gatad1	Rpru2	0	0	0	0	0	1	3	1	1	0	0
3	95617232-95617764		Gatad1	Sf3b4	0	0	0	0	0	1	3	0	0	2	0
3	95046619-97077416		Gatad1	Gjas	0	0	0	0	0	1	3	0	1	1	0
3	97658193-97673812		Gatad1	Prkab2	0	0	0	0	0	1	3	0	0	1	5
3	96601149-96620171		Gatad1	Lxll	0	0	0	0	0	1	3	0	0	0	4
3	96829384-96870706		Gatad1	Psd1	0	0	0	0	0	1	3	0	0	0	4
3	96888281-96903346		Gatad1	Gpr89	0	0	0	0	0	1	3	0	0	0	4
3	96845079-96857126		Gatad1	Gm4400	0	1	3	0	0	0	0	0	0	0	0
3	100451628-100489124		Gatad1	Tent5c	0	0	0	0	0	1	3	0	0	0	4
3	99141058-99239186		Gatad1	Warr2	0	0	0	0	0	1	0	1	1	0	0
3	98222156-98236748		Gatad1	Reg4	0	0	0	0	0	1	1	1	0	0	3
3	98711490-98727628		Gatad1	Polr3c	0	1	0	0	0	0	1	1	0	0	3
3	97158777-97177299		Gatad1	Acp6	0	0	0	0	0	1	0	0	0	2	0
3	95529246-95947390		Gatad1	Ang22a	0	0	0	0	0	1	0	0	0	0	1
3	96162004-96171718		Gatad1	Mtmr11	0	0	0	0	0	1	0	0	0	0	1
3	96913566-96920020		Gatad1	Gja8	0	0	0	0	0	1	0	0	0	0	1
3	97901190-97923276		Gatad1	Sec22b	0	0	0	0	0	1	0	0	0	0	1
15	72589620-73061204		Gatad2	Trappc9	0	0	0	0	0	1	3	1	1	2	1
15	68083764-68258856		Gatad2	Zfp	3	0	3	0	0	0	0	0	0	2	0
15	68298420-69101211		Gatad2	Khdhct3	0	0	0	0	0	1	3	1	0	2	0
15	71431609-71727838		Gatad2	Fam135b	3	0	3	0	0	0	0	0	0	0	7
16	4039971-4077827		Bwq26	Trap1	0	1	3	0	0	0	0	0	0	2	1
16	13780708-13814839		Bwq26	Rrs3	0	1	0	0	0	0	0	0	0	2	1
16	16983382-17047453		Bwq26	Mapk1	0	0	0	0	0	1	0	0	0	1	2
16	13982109-13988388		Bwq26	Ifitm7	0	0	0	0	0	1	0	0	0	0	1
17	12378608-12413851		Gatdq	Pk	0	1	3	0	0	0	3	1	1	0	1
17	12942890-12960747		Gatdq	Acat2	3	0	3	0	0	0	0	0	0	2	1
17	12923813-12946500		Gatdq	Acat3	3	0	3	0	0	1	0	0	0	1	8
17	25133391-25162104		Gatdq	Cloc7	0	0	0	0	0	1	3	1	1	2	0
17	25374285-25433783		Gatdq	Cacna1h	3	0	3	0	0	0	0	0	0	0	1
17	25010205-25099495		Gatdq	H3d0	0	1	0	0	0	0	3	0	0	2	1
17	25162461-25171913		Gatdq	Cdc154	3	0	3	0	0	1	0	0	0	0	7
17	12227621-12318796		Gatdq	Map3k4	0	1	3	0	0	0	0	1	1	0	0
17	10402012-10469311		Gatdq	Pawg	0	0	0	0	0	1	3	0	0	0	2
17	10840384-12063361		Gatdq	Prkn	0	0	0	0	0	1	3	1	1	0	0
17	15704967-15772610		Gatdq	Chd1	0	0	0	0	0	1	3	0	0	2	0
17	25120760-25125292		Gatdq	Pwat	3	0	3	0	0	0	0	0	0	0	6
17	25188397-25244443		Gatdq	Unkl	0	0	0	0	0	1	3	1	1	0	0
17	25233331-25240124		Gatdq	Gng8	0	0	0	0	0	1	3	0	0	2	0
17	12841079-12861143		Gatdq	Map1	0	0	0	0	0	1	3	0	0	0	4
17	12911349-12916345		Gatdq	Mrip18	0	0	0	0	0	1	3	0	0	0	4
17	12915701-12925067		Gatdq	Tsp1	0	0	0	0	0	1	3	0	0	0	4
17	23941672-23945607		Gatdq	Shp	0	1	3	0	0	0	0	0	0	0	4
17	25242659-25263864		Gatdq	Balab3	0	0	0	0	0	1	3	0	0	0	4
17	25262416-25274622		Gatdq	Unkl	0	0	0	0	0	1	3	0	0	0	4
17	13108817-13138810		Gatdq	Unc93a	0	0	0	0	0	1	0	1	1	0	3
17	25184554-25187662		Gatdq	BCO03965	0	0	0	0	0	1	0	0	0	2	0
17	25343345-25345662		Gatdq	Tpsh1	0	0	0	0	0	1	0	0	0	2	0
17	13061104-13082481		Gatdq	Tp10b	0	0	0	0	0	1	0	0	0	0	1
17	25308646-25311876		Gatdq	Prs128	0	0	0	0	0	1	0	0	0	0	1
17	25318654-25323068		Gatdq	Prs129	0	0	0	0	0	1	0	0	0	0	1
17	25366305-25369098		Gatdq	Tpsh2	0	0	0	0	0	1	0	0	0	0	1