

Gene	% CM-1 cases present rare variants in this gene	Position (GRCh37/hg19)	SNP	Ref	Alt	CM-1 MAF
COL3A1	3.9	chr2:189851842	rs111391222	C	T	0.002809
		chr2:189855743	rs112185887	G	A	0.002841
		chr2:189858779	rs200394946	A	T	0.002809
		chr2:189861933	rs35795890	C	A	0.005682
		chr2:189863424	rs1801183	C	A	0.002809
		chr2:189864023	rs41263773	G	A	0.005618
COL5A2	19.7	chr2:189899700	rs141777954	T	A	0.002809
		chr2:189899755	rs139229616	C	T	0.002809
		chr2:189901388	rs140952583	T	C	0.002857
		chr2:189904234	rs62184175	G	C	0.016854
		chr2:189904265	rs770554435	G	A	0.002809
		chr2:189907975	rs151187317	C	T	0.002825
		chr2:189909952	rs146789395	G	A	0.002959
		chr2:189915371	rs369072636	G	A	0.002809
		chr2:189918622	rs116298748	G	A	0.027950
		chr2:189931144	rs35852101	A	G	0.025281
		chr2:189940142	rs76148000	T	G	0.048851
chr2:190044330	rs563606558	T	C	0.002809		
COL7A1	10.1	chr3:48607731	rs199819125	C	T	0.002809
		chr3:48608574	rs142059751	A	T	0.002809
		chr3:48609817	rs759136317	T	C	0.002809
		chr3:48612300	chr3:48612300	T	C	0.002809
		chr3:48613087	rs200551525	G	A	0.002825
		chr3:48614349	rs147633212	C	T	0.002825
		chr3:48619925	rs144557024	G	A	0.002825
		chr3:48621017	rs79378857	G	A	0.005618
		chr3:48622510	rs375795047	G	A	0.002809
		chr3:48623625	rs149011081	C	T	0.008427
		chr3:48624040	rs2228563	C	T	0.002809
		chr3:48624478	rs753761607	C	T	0.002809
		chr3:48627789	rs116005007	C	A	0.011561
		chr3:48628920	rs138791004	C	T	0.002809
COL6A5	25.8	chr3:130098623	rs140721388	C	G	0.005682
		chr3:130098639	rs142949552	C	T	0.002841
		chr3:130098653	rs151095015	G	T	0.005650
		chr3:130098666	rs367852284	C	T	0.002825
		chr3:130104078	rs771720914	A	G	0.002841
		chr3:130104153	rs149308947	G	A	0.005618
		chr3:130107482	rs9882852	A	C	0.005848
		chr3:130107567	rs144238271	T	G	0.002924
		chr3:130107599	rs558128400	T	G	0.002825

		chr3:130107975	rs16827168	A	G	0.016854
		chr3:130114082	rs1353613	C	G	0.005618
		chr3:130124469	rs77730506	G	A	0.002809
		chr3:130125119	rs756847020	A	G	0.003049
		chr3:130128898	rs190625267	A	G	0.002809
		chr3:130132401	rs190283135	C	T	0.002809
		chr3:130135644	rs76864445	C	A	0.008671
		chr3:130150310	rs61744488	A	C	0.047753
		chr3:130150464	rs754763520	G	A	0.002809
		chr3:130150590	rs1461357665	G	T	0.002809
		chr3:130159330	rs2201717	C	T	0.002809
		chr3:130159640	rs572630219	T	G	0.002924
		chr3:130187662	rs115375867	G	T	0.002809
		chr3:130187718	rs930348677	G	A	0.002809
<i>COL1A2</i>	1.7	chr7:94033892	rs189557655	C	T	0.002809
		chr7:94040384	rs764780528	G	A	0.002809
		chr7:94049737	rs189374343	A	T	0.002809
<i>VEGFB</i>	1.7	chr11:64003467	rs111555072	C	G	0.005618
		chr11:64005068	rs748964141	A	C	0.002809
		chr11:64005069	rs768144934	C	T	0.002809
<i>FLT1</i>	6.2	chr13:28885760	rs140861115	G	A	0.008621
		chr13:28897068	rs35549791	T	C	0.002809
		chr13:28964035	rs142425372	T	C	0.002809
		chr13:28971113	rs148479824	T	C	0.005618
		chr13:28973215	rs770902566	C	T	0.002809
		chr13:29008200	rs1014160326	C	T	0.002809
		chr13:29012432	rs558999317	G	T	0.002809
chr13:29012444	rs755750116	G	A	0.002809		

MAF=minor allele frequency.