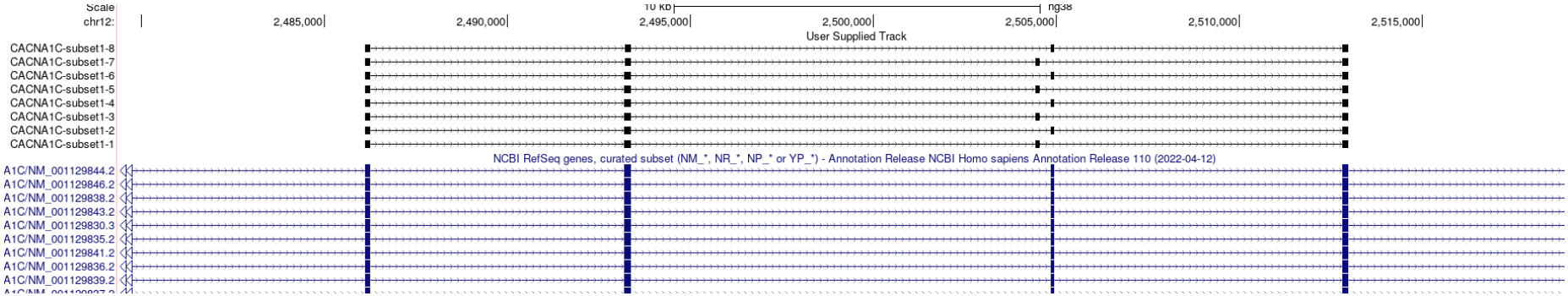
SUBSET 1

chr12 2485378 2517192



Note: the second exon here is the one with the alternative acceptor sites

Of which there are four

Which is why there are 8 “isoforms” in total

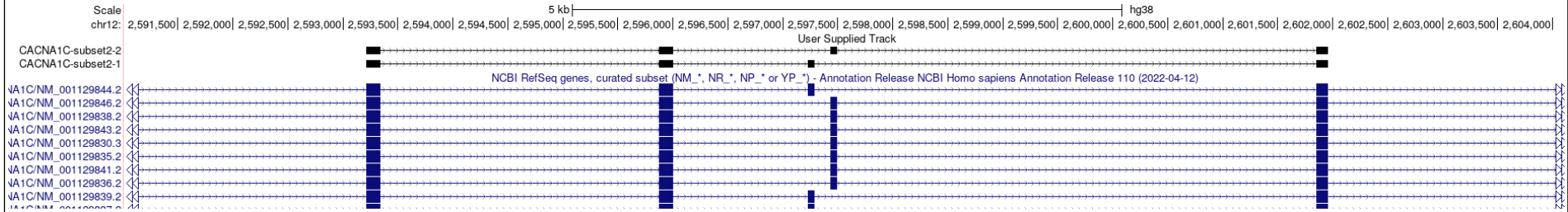
SUBSET 1

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-	605	556	690	436	581	519	648	690	1634	1360	769	928	917	1599	815	741	508	533	654	1048	1105	694	803	1070	708	780	675	1119	756	1179
CACNA1C-subset1-1	312	262	420	449	787	885	74	215	225	1294	840	939	144	399	70	250	273	256	112	94	396	216	112	501	226	575	584	294	280	345
CACNA1C-subset1-1,CACNA1C-subset1-2	41	17	53	14	85	30	84	48	2	22	43	7	32	15	2	34	189	10	69	6	51	28	10	65	23	26	47	56	29	36
CACNA1C-subset1-2	685	756	729	192	339	203	707	1533	681	325	381	161	959	968	329	274	246	103	493	1165	1182	635	837	804	245	307	427	1147	786	1007
CACNA1C-subset1-3	3	1	3	9	10	14	2	0	10	25	11	28	3	6	1	1	1	4	1	1	2	3	1	9	1	6	4	4	0	4
CACNA1C-subset1-4	3	7	14	3	3	4	6	9	30	3	5	2	6	20	7	5	4	2	6	23	16	9	9	7	1	2	2	10	11	11
CACNA1C-subset1-4,CACNA1C-subset1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0
CACNA1C-subset1-5	126	116	166	232	345	408	32	94	277	792	394	555	59	156	56	112	133	135	43	59	120	62	95	232	83	381	186	144	107	149
CACNA1C-subset1-5,CACNA1C-subset1-6	16	2	12	7	507	22	5	3	1	6	8	7	1	2	0	2	14	7	4	6	5	38	20	6	20	6	2	28	7	16
CACNA1C-subset1-5,CACNA1C-subset1-7,CACNA1C-subset1-1,CACNA1C-subset1-3	49	26	31	31	77	55	9	83	28	14	17	17	5	15	1	26	21	29	14	0	22	4	7	61	11	29	24	18	18	22
CACNA1C-subset1-6	330	270	355	98	107	96	289	506	760	213	112	67	276	688	257	91	125	68	261	425	503	276	402	374	85	102	218	473	329	491
CACNA1C-subset1-7	304	234	305	524	943	841	139	142	466	942	1084	1075	144	335	134	269	402	315	180	176	213	152	202	295	293	633	626	416	136	343
CACNA1C-subset1-7,CACNA1C-subset1-8	42	18	57	13	74	27	22	36	0	52	30	11	9	10	3	25	23	31	35	15	15	6	21	16	63	45	7	30	16	40
CACNA1C-subset1-8	813	542	842	150	355	379	588	1666	656	355	338	213	756	2033	556	240	287	130	671	1002	973	645	721	1108	349	414	464	1142	796	1146
CACNA1C-subset1-8,CACNA1C-subset1-6,CACNA1C-subset1-2,CACNA1C-subset1-4	71	35	76	15	39	33	37	75	20	6	13	14	47	42	12	18	23	25	21	30	70	15	21	120	15	34	12	42	45	59
Total reads:	2795	2286	3063	1737	3671	2997	1994	4410	3156	4049	3276	3096	2441	4689	1428	1347	1741	1115	1910	3002	3568	2089	2459	3598	1415	2560	2603	3806	2560	3669

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CACNA1C-subset1-1	0.11	0.11	0.14	0.26	0.21	0.3	0.04	0.05	0.07	0.32	0.26	0.3	0.06	0.09	0.05	0.19	0.16	0.23	0.06	0.03	0.11	0.1	0.05	0.14	0.16	0.22	0.22	0.08	0.11	0.09
CACNA1C-subset1-1,CACNA1C-subset1-2	0.01	0.01	0.02	0.01	0.02	0.01	0.04	0.01	0	0.01	0.01	0	0.01	0	0	0.03	0.11	0.01	0.04	0	0.01	0.01	0	0.02	0.02	0.01	0.02	0.01	0.01	0.01
CACNA1C-subset1-2	0.25	0.33	0.24	0.11	0.09	0.07	0.35	0.35	0.22	0.08	0.12	0.05	0.39	0.21	0.23	0.2	0.14	0.09	0.26	0.39	0.33	0.3	0.34	0.22	0.17	0.12	0.16	0.3	0.31	0.27
CACNA1C-subset1-3	0	0	0	0.01	0	0	0	0	0	0.01	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset1-4	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset1-4,CACNA1C-subset1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset1-5	0.05	0.05	0.05	0.13	0.09	0.14	0.02	0.02	0.09	0.2	0.12	0.18	0.02	0.03	0.04	0.08	0.08	0.12	0.02	0.02	0.03	0.03	0.04	0.06	0.06	0.15	0.07	0.04	0.04	0.04
CACNA1C-subset1-5,CACNA1C-subset1-6	0.01	0	0	0	0.14	0.01	0	0	0	0	0	0	0	0	0	0	0.01	0.01	0	0	0	0.02	0.01	0	0.01	0	0	0.01	0	0
CACNA1C-subset1-5,CACNA1C-subset1-7,CACNA1C-subset1-1,CACNA1C-subset1-3	0.02	0.01	0.01	0.02	0.02	0.02	0	0.02	0.01	0	0.01	0.01	0	0	0	0.02	0.01	0.03	0.01	0	0.01	0	0	0.02	0.01	0.01	0.01	0	0.01	0.01
CACNA1C-subset1-6	0.12	0.12	0.12	0.06	0.03	0.03	0.14	0.11	0.24	0.05	0.03	0.02	0.11	0.15	0.18	0.07	0.07	0.06	0.14	0.14	0.14	0.13	0.16	0.1	0.06	0.04	0.08	0.12	0.13	0.13
CACNA1C-subset1-7	0.11	0.1	0.1	0.3	0.26	0.28	0.07	0.03	0.15	0.23	0.33	0.35	0.06	0.07	0.09	0.2	0.23	0.28	0.09	0.06	0.06	0.07	0.08	0.08	0.21	0.25	0.24	0.11	0.05	0.09
CACNA1C-subset1-7,CACNA1C-subset1-8	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0	0.01	0.01	0	0	0	0	0.02	0.01	0.03	0.02	0	0	0	0.01	0	0.04	0.02	0	0.01	0.01	0.01
CACNA1C-subset1-8	0.29	0.24	0.27	0.09	0.1	0.13	0.29	0.38	0.21	0.09	0.1	0.07	0.31	0.43	0.39	0.18	0.16	0.12	0.35	0.33	0.27	0.31	0.29	0.31	0.25	0.16	0.18	0.3	0.31	0.31
CACNA1C-subset1-8,CACNA1C-subset1-6,CACNA1C-subset1-2,CACNA1C-subset1-4	0.03	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0	0	0	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.03	0.01	0.01	0	0.01	0.02	0.02

SUBSET 2

chr12 2592611 2602644



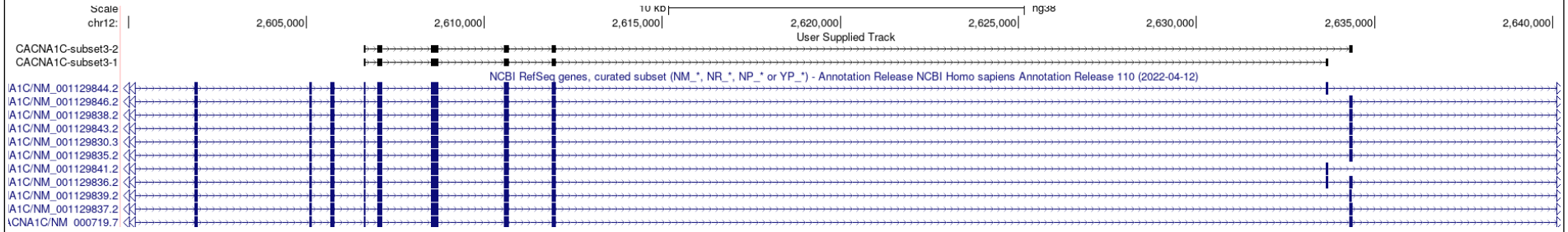
SUBSET 2

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-	178	187	205	153	192	221	306	361	251	261	167	242	258	272	166	199	170	99	154	241	210	113	235	336	303	160	85	237	224	204
CACNA1C-subset2-1	38	83	51	94	162	104	49	218	6	0	73	37	15	42	10	58	5	14	20	108	24	5	137	0	53	50	6	52	120	38
CACNA1C-subset2-2	2578	1933	2598	1945	1742	2407	2407	4226	4909	4269	1724	3535	2161	3659	2165	1851	1716	2144	2449	2541	3448	1636	2187	3825	1185	1824	1665	3073	2374	2665
CACNA1C-subset2-2,CACNA1C-subset2-1	565	623	801	184	1275	559	299	498	97	1187	2133	827	1093	2349	118	403	275	93	411	1200	1362	972	833	1062	750	1245	2005	2307	815	1899
Total reads:	3181	2639	3450	2223	3179	3070	2755	4942	5012	5456	3930	4399	3269	6050	2293	2312	1996	2251	2880	3849	4834	2613	3157	4887	1988	3119	3676	5432	3309	4602

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CACNA1C-subset2-1	0.01	0.03	0.01	0.04	0.05	0.03	0.02	0.04	0	0	0.02	0.01	0	0.01	0	0.03	0	0.01	0.01	0.03	0	0	0.04	0	0.03	0.02	0	0.01	0.04	0.01
CACNA1C-subset2-2	0.81	0.73	0.75	0.87	0.55	0.78	0.87	0.86	0.98	0.78	0.44	0.8	0.66	0.6	0.94	0.8	0.86	0.95	0.85	0.66	0.71	0.63	0.69	0.78	0.6	0.58	0.45	0.57	0.72	0.58
CACNA1C-subset2-2,CACNA1C-subset2-1	0.18	0.24	0.23	0.08	0.4	0.18	0.11	0.1	0.02	0.22	0.54	0.19	0.33	0.39	0.05	0.17	0.14	0.04	0.14	0.31	0.28	0.37	0.26	0.22	0.38	0.4	0.55	0.42	0.25	0.41

SUBSET 3

chr12 2606274 2638088



SUBSET 3

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-	306	335	380	278	311	331	385	571	717	698	313	644	340	556	366	330	219	248	233	426	446	305	355	376	247	264	219	366	345	326
CACNA1C-subset3-1	1345	1173	1471	1319	964	1549	802	1812	1069	1314	775	1546	915	1252	970	1054	662	948	1111	1364	1572	533	898	1295	558	463	768	1332	991	862
CACNA1C-subset3-2	1222	825	1046	662	865	937	1598	2197	3445	2520	1032	1814	1160	2200	1097	976	971	1145	1373	987	1655	914	1376	2229	752	1352	871	1701	1474	1689
CACNA1C-subset3-1,CACNA1C-subset3-2	194	111	277	105	125	172	218	530	103	125	145	107	158	244	74	138	139	222	252	125	283	83	135	656	137	170	116	270	143	249
Total reads:	2761	2109	2794	2086	1954	2658	2618	4539	4617	3959	1952	3467	2233	3696	2141	2168	1772	2315	2736	2476	3510	1530	2409	4180	1447	1985	1755	3303	2608	2800

#	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**
CACNA1C-subset3-1	0.49	0.56	0.53	0.63	0.49	0.58	0.31	0.4	0.23	0.33	0.4	0.45	0.41	0.34	0.45	0.49	0.37	0.41	0.41	0.55	0.45	0.35	0.37	0.31	0.39	0.23	0.44	0.4	0.38	0.31
CACNA1C-subset3-2	0.44	0.39	0.37	0.32	0.44	0.35	0.61	0.48	0.75	0.64	0.53	0.52	0.52	0.6	0.51	0.45	0.55	0.49	0.5	0.4	0.47	0.6	0.57	0.53	0.52	0.68	0.5	0.51	0.57	0.6
CACNA1C-subset3-1,CACNA1C-subset3-2	0.07	0.05	0.1	0.05	0.06	0.06	0.08	0.12	0.02	0.03	0.07	0.03	0.07	0.07	0.03	0.06	0.08	0.1	0.09	0.05	0.08	0.05	0.06	0.16	0.09	0.09	0.07	0.08	0.05	0.09
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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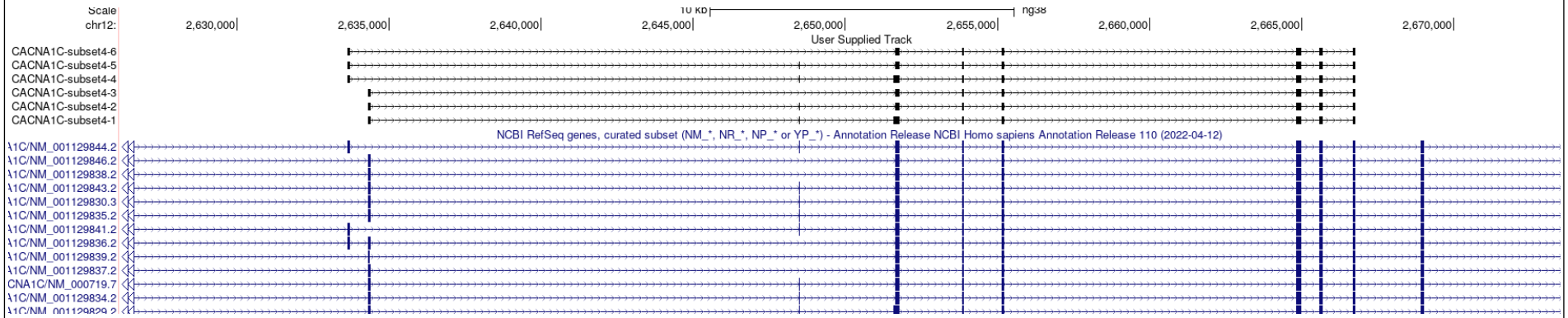
SUBSET 4

chr12 2633570 2668312



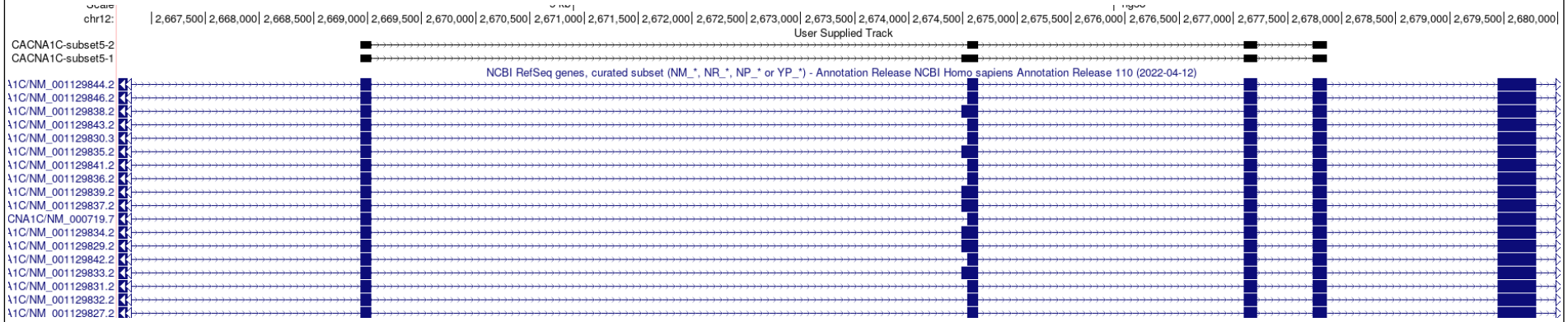
SUBSET 4

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-	573	480	634	459	490	574	704	816	927	915	552	1073	477	1044	717	669	466	527	553	700	748	477	605	752	451	371	303	700	736	683
CACNA1C-subset4-1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	4	0
CACNA1C-subset4-2	997	678	791	507	691	734	1349	1818	3073	2132	790	1394	1007	1653	737	707	707	921	1076	715	1294	726	1108	1711	571	1209	757	1376	1056	1290
CACNA1C-subset4-3	10	7	16	20	26	33	25	130	0	1	34	1	8	47	2	3	19	8	43	8	19	0	40	44	7	22	12	31	39	24
CACNA1C-subset4-4	0	0	0	6	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
CACNA1C-subset4-5	1309	1102	1432	1217	866	1402	735	1576	1217	1460	712	1521	876	1292	965	963	624	929	921	1262	1577	524	799	1256	494	474	815	1255	893	872
CACNA1C-subset4-6	21	79	45	76	100	103	92	212	43	24	49	54	54	2	22	58	49	4	120	90	35	36	78	53	42	31	1	76	97	28
CACNA1C-subset4-2,CACNA1C-subset4-5	99	15	127	27	41	76	32	266	23	49	43	31	33	74	30	30	219	66	80	12	72	18	24	302	34	24	13	73	35	63
CACNA1C-subset4-1,CACNA1C-subset4-2	12	5	10	6	5	15	4	31	0	3	6	3	15	13	0	7	7	0	24	1	19	2	6	31	5	7	2	10	8	7
CACNA1C-subset4-1,CACNA1C-subset4-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CACNA1C-subset4-3,CACNA1C-subset4-1,CACNA1C-subset4-2,CACNA1C-subset4-6,CAC	421	258	405	188	855	469	303	390	174	139	293	294	225	299	140	440	166	358	430	103	384	120	199	719	151	275	197	421	300	339
CACNA1C-subset4-4,CACNA1C-subset4-5	19	9	13	14	4	14	10	32	2	6	9	6	3	18	2	9	11	3	6	2	20	2	10	43	9	8	3	16	10	9
Total reads:	2888	2153	2840	2061	2590	2851	2550	4455	4532	3814	1936	3304	2221	3398	1898	2217	1802	2289	2700	2198	3420	1428	2264	4159	1313	2050	1800	3266	2442	2632

#	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**
CACNA1C-subset4-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset4-2	0.35	0.31	0.28	0.25	0.27	0.26	0.53	0.41	0.68	0.56	0.41	0.42	0.45	0.49	0.39	0.32	0.39	0.4	0.4	0.33	0.38	0.51	0.49	0.41	0.43	0.59	0.42	0.42	0.43	0.49
CACNA1C-subset4-3	0	0	0.01	0.01	0.01	0.01	0.01	0.03	0	0	0.02	0	0	0.01	0	0	0.01	0	0.02	0	0.01	0	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01
CACNA1C-subset4-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset4-5	0.45	0.51	0.5	0.59	0.33	0.49	0.29	0.35	0.27	0.38	0.37	0.46	0.39	0.38	0.51	0.43	0.35	0.41	0.34	0.57	0.46	0.37	0.35	0.3	0.38	0.23	0.45	0.38	0.37	0.33
CACNA1C-subset4-6	0.01	0.04	0.02	0.04	0.04	0.04	0.04	0.05	0.01	0.01	0.03	0.02	0.02	0	0.01	0.03	0.03	0	0.04	0.04	0.01	0.03	0.03	0.01	0.03	0.02	0	0.02	0.04	0.01
CACNA1C-subset4-2,CACNA1C-subset4-5	0.03	0.01	0.04	0.01	0.02	0.03	0.01	0.06	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.12	0.03	0.03	0.01	0.02	0.01	0.01	0.07	0.03	0.01	0.01	0.02	0.01	0.02
CACNA1C-subset4-1,CACNA1C-subset4-2	0	0	0	0	0	0.01	0	0.01	0	0	0	0	0.01	0	0	0	0	0	0.01	0	0.01	0	0	0.01	0	0	0	0	0	0
CACNA1C-subset4-1,CACNA1C-subset4-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CACNA1C-subset4-3,CACNA1C-subset4-1,CACNA1C-subset4-2,CACNA1C-subset4-6,CAC	0.15	0.12	0.14	0.09	0.33	0.16	0.12	0.09	0.04	0.04	0.15	0.09	0.1	0.09	0.07	0.2	0.09	0.16	0.16	0.05	0.11	0.08	0.09	0.17	0.12	0.13	0.11	0.13	0.12	0.13
CACNA1C-subset4-4,CACNA1C-subset4-5	0.01	0	0	0.01	0	0	0	0.01	0	0	0	0	0	0.01	0	0	0.01	0	0	0	0.01	0	0	0.01	0.01	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUBSET 5

chr12 2668296 2679140



SUBSET 5

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
-	136	136	150	112	130	117	134	293	267	346	127	199	140	196	129	138	84	125	101	156	182	84	142	157	171	105	144	139	140	141
CACNA1C-subset5-1	120	70	201	74	476	77	107	395	31	107	93	106	226	234	44	136	111	47	82	103	192	49	113	285	43	129	65	132	166	123
CACNA1C-subset5-2	3151	2425	3120	2310	2413	3171	2902	4280	5180	4243	2271	4035	2290	3894	2446	2581	1991	2636	2982	2625	3664	1753	2570	4105	1480	2121	1941	3544	2809	2996
CACNA1C-subset5-2,CACNA1C-subset5-1	192	65	119	74	111	174	80	60	26	28	61	36	48	51	1640	83	34	50	93	18	103	12	28	127	18	61	4158	75	63	65
Total reads:	3463	2560	3440	2458	3000	3422	3089	4735	5237	4378	2425	4177	2564	4179	4130	2800	2136	2733	3157	2746	3959	1814	2711	4517	1541	2311	6164	3751	3038	3184

#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CACNA1C-subset5-1	0.03	0.03	0.06	0.03	0.16	0.02	0.03	0.08	0.01	0.02	0.04	0.03	0.09	0.06	0.01	0.05	0.05	0.02	0.03	0.04	0.05	0.03	0.04	0.06	0.03	0.06	0.01	0.04	0.05	0.04
CACNA1C-subset5-2	0.91	0.95	0.91	0.94	0.8	0.93	0.94	0.9	0.99	0.97	0.94	0.97	0.89	0.93	0.59	0.92	0.93	0.96	0.94	0.96	0.93	0.97	0.95	0.91	0.96	0.92	0.31	0.94	0.92	0.94
CACNA1C-subset5-2,CACNA1C-subset5-1	0.06	0.03	0.03	0.03	0.04	0.05	0.03	0.01	0	0.01	0.03	0.01	0.02	0.01	0.4	0.03	0.02	0.02	0.03	0.01	0.03	0.01	0.01	0.03	0.01	0.03	0.67	0.02	0.02	0.02