Chromosome	Gene number	V exon		Strand	Functional / Pseudo gene	Subgroup
		Start (bp)	End (bp)			
Chr:10						
	BoTRDV4	22674602	22674883	forward	Functional	BoTRDV4
	1	22948572	22948841	reverse	Pseudo	BoTRDV1
	2	22960242	22960511	reverse	Functional	HuTRAV23
	3	22971708	22971980	reverse	Functional	BoTRDV1
	4	22978602	22978868	reverse	Pseudo	HuTRAV25
	5	22990945	22991211	reverse	Functional	HuTRAV26
	BoTRDV1.35	23002326	23002571	reverse	Functional	BoTRDV1
	6	23007414	23007686	reverse	Pseudo	HuTRAV23
	7	23014345	23014608	reverse	Functional	HuTRAV22
	8	23029897	23030175	reverse	Functional	BoTRDV1
	9	23045197	23045463	reverse	Functional	HuTRAV39
	10	23060280	23060555	reverse	Functional	HuTRAV38
	11	23066986	23067261	reverse	Functional	HuTRAV38
	12	23075056	23075331	reverse	Functional	HuTRAV38
	13	23077936	23078211	reverse	Functional	HuTRAV38
	14	23117306	23117581	reverse	Pseudo	HuTRAV36
	15	23123318	23123584	reverse	Functional	HuTRAV35
	BoTRDV2.1	23137927	23138199	reverse	Functional	BoTRDV2
	16	23141594	23141866	reverse	Functional	HuTRAV29
	17	23147596	23147856	reverse	Functional	HuTRAV28
	18	23161844	23162077	reverse	Pseudo	HuTRAV26
	19	23181529	23181798	reverse	Functional	HuTRAV29
	20	23191234	23191494	reverse	Functional	HuTRAV28
	21	23201136	23201402	reverse	Functional	HuTRAV27
	22	23233642	23233917	reverse	Pseudo	HuTRAV36
	BoTRDV3.1	23247183	23247455	reverse	Functional	BoTRDV3
	23	23278921	23279181	reverse	Functional	HuTRAV41
	24	23301088	23301357	reverse	Functional	HuTRAV39
	25	23319197	23319475	reverse	Functional	HuTRAV38
	26	23330644	23330898	reverse	Pseudo	HuTRAV8
	27	23340024	23340279	forward	Functional	HuTRAV22
	28	23351878	23352144	reverse	Functional	HuTRAV26
	29	23359472	23359738	reverse	Functional	HuTRAV25
	30	23369978	23370256	reverse	Functional	BoTRDV1
	31	23381640	23381894	reverse	Functional	HuTRAV22
	32	23393275	23393556	reverse	Functional	BoTRDV1
	33	23403007	23403273	reverse	Functional	HuTRAV26
	34	23410208	23410480	reverse	Functional	BoTRDV1
	35	23438409	23438678	reverse	Pseudo	HuTRAV25
	36	23452123	23452392	reverse	Functional	HuTRAV24
	37	23461926	23462196	reverse	Functional	BoTRDV1
	38	23473539	23473805	reverse	Functional	HuTRAV26
	39	23483563	23483832	reverse	Functional	HuTRAV23
	40	23484759	23485019	reverse	Functional	HuTRAV22
	41	23487777	23488043	reverse	Functional	HuTRAV26
	42	23501788	23502060	reverse	Functional	BoTRDV1
	43	23508212	23508478	reverse	Pseudo	HuTRAV25
	44	23512266	23512535	reverse	Functional	HuTRAV24
	45	23518481	23518756	reverse	Functional	BoTRDV1
	46	23525021	23525310	reverse	Pseudo	BoTRDV1
	47	23534850	23535116	reverse	Functional	HuTRAV26
	48	23546671	23546928	reverse	Functional	HuTRAV20
	49	23555171	23555446	reverse	Functional	HuTRAV19

Chromosome	Gene number	V exon Start (bp)	V exon End (bp)	Strand	Functional / Pseudo gene	Subgroup
Chr:10						
	50	23557355	23557627	reverse	Functional	Gene 50 subgroup
	51	23564388	23564660	reverse	Functional	Gene 50 subgroup
	52	23586410	23586682	reverse	Functional	Gene 50 subgroup
	53	23590584	23590850	reverse	Functional	HuTRAV18
	54	23607399	23607665	reverse	Functional	Gene 54 subgroup
	55	23617675	23617941	reverse	Functional	Gene 54 subgroup
	56	23627869	23628138	reverse	Functional	HuTRAV11
	57	23629093	23629356	reverse	Pseudo	Gene 57 subgroup
	58	23634707	23634976	reverse	Functional	HuTRAV13
	59	23639386	23639655	reverse	Functional	HuTRAV9
	60	23643039	23643308	reverse	Functional	HuTRAV13
	61	23648519	23648788	reverse	Functional	HuTRAV13
	62	23653202	23653471	reverse	Functional	HuTRAV9
	63	23655291	23655560	forward	Functional	HuTRAV9
	64	23662648	23662920	reverse	Functional	HuTRAV8
	65	23678122	23678379	reverse	Pseudo	HuTRAV26
	66	23696670	23696948	reverse	Functional	BoTRDV1
	67	23702747	23703016	reverse	Pseudo	HuTRAV23
	68	23709912	23710172	reverse	Functional	HuTRAV22
	69	23714348	23714620	reverse	Functional	HuTRAV8
	70	23722752	23723021	reverse	Functional	HuTRAV21
	71	23734080	23734337	reverse	Pseudo	HuTRAV18
	72	23745366	23745635	reverse	Functional	HuTRAV17
	73	23752350	23752610	reverse	Functional	HuTRAV16
	74	23771376	23771648	reverse	Functional	Gene 50 subgroup
	75	23775527	23775796	reverse	Functional	HuTRAV18
	76	23792382	23792648	reverse	Functional	Gene 54 subgroup
	77	23802204	23802473	reverse	Functional	HuTRAV11
	78	23803714	23803983	reverse	Functional	HuTRAV10
	79	23811357	23811617	reverse	Pseudo	HuTRAV9
	80	23820934	23821209	reverse	Functional	HuTRAV14
	81	23824646	23824915	reverse	Pseudo	HuTRAV13
	82	23826354	23826614	reverse	Functional	Gene 82 subgroup
	83	23831505	23831774	reverse	Functional	HuTRAV9
	84	23848800	23849075	reverse	Functional	HuTRAV14
	85	23854204	23854473	reverse	Functional	HuTRAV13
	86	23858772	23859041	reverse	Functional	HuTRAV9
	87	23875815	23876084	reverse	Functional	HuTRAV5
	88	23886979	23887245	reverse	Functional	HuTRAV4
	89	23892329	23892607	reverse	Functional	BoTRDV1
	90	23902832	23903125	reverse	Functional	HuTRAV22
	91	23909328	23909603	reverse	Pseudo	HuTRAV26
	92	23918916	23919188	reverse	Functional	BoTRDV1
	93	23975327	23975596	forward	Functional	HuTRAV23
	94	23981317	23981595	forward	Functional	BoTRDV1
	95	23993347	23993613	forward	Functional	HuTRAV26
	BoTRDV1.29	24003824	24004096	forward	Functional	BoTRDV1
	96	24020782	24021051	reverse	Pseudo	Gene 96 subgroup
	97	24026055	24026327	forward	Functional	BoTRDV1
	98	24031005	24031274	forward	Pseudo	HuTRAV24
	99	24037403	24037669	forward	Pseudo	HuTRAV25
	100	24044425	24044700	forward	Functional	BoTRDV1
	101	24058367	24058636	forward	Functional	HuTRAV5

Chromosome	Gene number	V exon Start (bp)	End (bp)	Strand	Functional / Pseudo gene	Subgroup
Chr:10						
	102	24075405	24075674	forward	Functional	HuTRAV9
	103	24079974	24080243	forward	Functional	HuTRAV13
	104	24085370	24085645	forward	Functional	HuTRAV14
	105	24102655	24102924	forward	Functional	HuTRAV9
	106	24107797	24108057	forward	Functional	Gene 82 subgroup
	107	24109490	24109759	forward	Pseudo	HuTRAV13
	108	24113191	24113466	forward	Functional	HuTRAV14
	109	24121401	24121673	forward	Pseudo	HuTRAV9
	110	24126500	24126781	forward	Functional	HuTRAV10
	111	24137674	24137940	forward	Functional	Gene 54 subgroup
	112	24147698	24147967	forward	Functional	HuTRAV17
	113	24159350	24159619	forward	Functional	HuTRAV18
	114	24164829	24165101	forward	Functional	Gene 50 subgroup
	115	24170840	24171112	forward	Functional	Gene 50 subgroup
	116	24182428	24182700	forward	Functional	Gene 50 subgroup
	117	24205025	24205294	forward	Pseudo	HuTRAV23
	118	24211104	24211382	forward	Functional	BoTRDV1
	119	24217885	24218151	forward	Functional	HuTRAV25
	120	24224898	24225164	forward	Functional	HuTRAV26
	121	24227964	24228224	forward	Functional	HuTRAV22
	122	24233463	24233741	forward	Pseudo	BoTRDV1
	123	24244616	24244882	forward	Functional	HuTRAV25
	124	24312741	24313016	reverse	Functional	HuTRAV14
	125	24316448	24316717	reverse	Pseudo	HuTRAV13
	126	24318150	24318410	reverse	Functional	Gene 82 subgroup
	127	24323269	24323541	reverse	Pseudo	HuTRAV9
	128	24332177	24332446	reverse	Functional	HuTRAV5
	129	24346461	24346727	forward	Functional	HuTRAV26
	130	24360789	24361064	forward	Functional	BoTRDV1
	131	24373411	24373683	forward	Functional	BoTRDV1
	132	24379513	24379782	forward	Pseudo	HuTRAV24
	133	24385905	24386171	forward	Pseudo	HuTRAV25
	134	24392959	24393234	forward	Functional	BoTRDV1
	135	24411148	24411414	forward	Functional	HuTRAV26
	136	24414214	24414474	forward	Functional	HuTRAV22
	137	24419724	24420002	forward	Pseudo	BoTRDV1
	138	24428704	24428982	reverse	Functional	BoTRDV1
	139	24439854	24440117	reverse	Functional	HuTRAV22
	140	24445265	24445543	reverse	Pseudo	BoTRDV1
	141	24454834	24455103	reverse	Pseudo	HuTRAV23
	142	24466776	24467021	forward	Functional	BoTRDV1
	143	24481798	24482064	forward	Functional	HuTRAV26
	144	24493157	24493429	forward	Functional	BoTRDV1
	145	24505776	24506048	forward	Functional	BoTRDV1
	146	24511888	24512157	forward	Functional	HuTRAV24
	147	24518312	24518578	forward	Functional	HuTRAV25
	148	24524052	24524324	forward	Functional	BoTRDV1
	149	24531988	24532254	forward	Functional	HuTRAV26
	150	24541433	24541699	forward	Functional	BoTRDV1
	151	24552540	24552809	forward	Pseudo	HuTRAV8
	152	24553490	24553750	forward	Functional	HuTRAV22
	153	24606611	24606889	reverse	Functional	BoTRDV1
	154	24613215	24613475	reverse	Functional	HuTRAV22

Chromosome	Gene number	V exon Start (bp)	End (bp)	Strand	Functional / Pseudo gene	Subgroup
Chr:10						
	155	24616237	24616503	reverse	Functional	HuTRAV26
	156	24630206	24630472	reverse	Functional	HuTRAV25
	157	24654033	24654314	reverse	Functional	BoTRDV1
	158	24660497	24660766	reverse	Functional	HuTRAV23
	159	24669506	24669766	reverse	Functional	HuTRAV22
	160	24673929	24674201	reverse	Functional	HuTRAV8
	161	24684028	24684297	forward	Functional	HuTRAV21
	162	24692068	24692325	reverse	Functional	HuTRAV20
	163	24700328	24700603	reverse	Functional	HuTRAV19
	164	24702523	24702795	reverse	Functional	Gene 50 subgroup
	165	24711015	24711287	reverse	Pseudo	Gene 50 subgroup
	166	24731010	24731282	reverse	Functional	HuTRAV3
	167	24736348	24736602	reverse	Functional	HuTRAV2
	168	24754771	24755043	reverse	Functional	HuTRAV3
	169	24763843	24764097	reverse	Functional	HuTRAV2
	170	24782304	24782576	reverse	Functional	HuTRAV3
	171	24789297	24789551	reverse	Functional	HuTRAV2
	172	24804286	24804558	reverse	Functional	HuTRAV3
	173	24811253	24811522	reverse	Pseudo	HuTRAV2
	174	24823012	24823281	reverse	Pseudo	HuTRAV3
	175	24830306	24830560	reverse	Functional	HuTRAV2
	176	24844991	24845263	reverse	Functional	HuTRAV3
	177	24851815	24852069	reverse	Functional	HuTRAV2
	178	24862162	24862434	reverse	Functional	HuTRAV3
	179	24869183	24869437	reverse	Functional	HuTRAV2
	180	24943043	24943309	reverse	Functional	HuTRAV1
Un.004.100						
	181	6091	6363	reverse	Functional	BoTRDV1
	182	12727	12993	reverse	Functional	HuTRAV25
	183	15954	16217	reverse	Pseudo	HuTRAV23
	184	17149	17409	reverse	Functional	HuTRAV22
	185	20629	20883	reverse	Functional	HuTRAV26
	186	30297	30569	reverse	Functional	BoTRDV1
	187	36634	36900	reverse	Functional	HuTRAV25
	188	48649	48918	reverse	Functional	HuTRAV21
	189	56971	57234	reverse	Functional	HuTRAV20
	190	65304	65582	reverse	Pseudo	HuTRAV19
	191	68870	69139	reverse	Functional	Gene 50 subgroup
	192	76467	76739	reverse	Functional	Gene 50 subgroup
	193	88332	88604	reverse	Functional	Gene 50 subgroup
	194	90348	90617	reverse	Functional	HuTRAV18
	195	111606	111872	reverse	Functional	Gene 54 subgroup
	196	124706	124954	reverse	Pseudo	Gene 196 subgroup
	197	126203	126469	reverse	Functional	HuTRAV10
	198	131241	131522	reverse	Pseudo	HuTRAV9
	199	143265	143525	reverse	Pseudo	HuTRAV13
	200	149377	149637	reverse	Functional	Gene 82 subgroup
	201	153365	153634	reverse	Functional	HuTRAV9
	BoTRDV1.31	174874	175155	reverse	Functional	BoTRDV1
	202	180004	180302	reverse	Pseudo	HuTRAV23
	203	202945	203205	reverse	Functional	HuTRAV22
	204	220769	221047	reverse	Functional	BoTRDV1

Chromosome	Gene number	V exon Start (bp)	V exon End (bp)	Strand	Functional / Pseudo gene	Subgroup
Un.004.100						
	205	225526	225735	reverse	Pseudo	HuTRAV23
	206	230830	231090	reverse	Functional	HuTRAV22
	207	235454	235726	reverse	Pseudo	HuTRAV24
	BoTRDV1.32	240748	241026	reverse	Functional	BoTRDV1
	208	247343	247603	reverse	Functional	HuTRAV22
	209	250365	250631	reverse	Functional	HuTRAV26
	210	257394	257660	reverse	Functional	HuTRAV25
	211	264451	264729	reverse	Functional	BoTRDV1
	212	289865	290137	reverse	Functional	Gene 50 subgroup
	214	301449	301721	reverse	Functional	Gene 50 subgroup
	215	316189	316455	reverse	Functional	HuTRAV18
	216	329229	329495	reverse	Pseudo	HuTRAV17
	217	335298	335558	reverse	Functional	HuTRAV16
	218[a]	354053	354313	reverse	Incomplete	Gene 54 subgroup
Un.004.1011						
	219	1762	2022	forward	Functional	HuTRAV28
	220	8047	8316	forward	Functional	HuTRAV29
	221	11532	11804	forward	Functional	BoTRDV2
Un.004.1195						
	222	5699	5971	forward	Functional	HuTRAV8
	223	6822	7082	forward	Pseudo	HuTRAV22
	224	10751	11017	forward	Functional	BoTRDV1
	225	21771	22040	forward	Pseudo	HuTRAV8
	226	22709	22969	forward	Pseudo	HuTRAV22
	227	33963	34241	forward	Functional	BoTRDV1
Un.004.1494						
	228	863	1135	forward	Pseudo	HuTRAV24
	229	4941	5201	forward	Functional	HuTRAV22
	230	10305	10565	forward	Pseudo	HuTRAV23
	231	16538	16801	reverse	Pseudo	HuTRAV23
	232	21800	22060	reverse	Functional	HuTRAV22
	233	26410	26709	reverse	Pseudo	HuTRAV24
	234	31705	31983	reverse	Functional	BoTRDV1
Un.004.1854						
	235	9313	9582	forward	Pseudo	HuTRAV23
	236	15447	15725	forward	Functional	BoTRDV1
	237	22590	22856	forward	Functional	HuTRAV25
Un.004.2118						
	238	7810	8079	forward	Pseudo	HuTRAV8
	239	8756	9010	forward	Functional	HuTRAV22
Un.004.2236						
	240	6318	6581	forward	Functional	HuTRAV26
Un.004.2299						
	241	2057	2323	reverse	Functional	HuTRAV26
	242	9086	9352	reverse	Functional	HuTRAV25

Chromosome	Gene number	V exon Start (bp)	V exon End (bp)	Strand	Functional / Pseudo gene	Subgroup
Un.004.2299						
	243	16986	17264	reverse	Functional	BoTRDV1
Un.004.2401						
	244	5242	5514	forward	Functional	BoTRDV1
	245	12781	13050	reverse	Pseudo	Gene 96 subgroup
	246	19332	19604	forward	Functional	BoTRDV1
Un.004.2451						
	247	815	1093	forward	Functional	BoTRDV1
	248	12212	12466	forward	Functional	HuTRAV23
	249	16782	17051	forward	Functional	HuTRAV23
Un.004.2604						
	250	10754	11020	reverse	Functional	HuTRAV26
Un.004.2618						
	251	4192	4470	forward	Functional	BoTRDV1
	252	12445	12714	reverse	Functional	HuTRAV26
Un.004.2678						
	253	14036	14305	reverse	Functional	HuTRAV23
Un.004.2725						
	254	6349	6621	reverse	Functional	Gene 50 subgroup
Un.004.2788						
	255	4573	4842	forward	Pseudo	HuTRAV8
	256[b]	5756	6004	forward	Incomplete	HuTRAV22
	257	9665	9931	forward	Functional	BoTRDV1
Un.004.2942						
	258	15235	15483	forward	Functional	BoTRDV1
Un.004.3421						
	259[a]	13278	13472	reverse	Incomplete	Gene 259 subgroup
Un.004.365						
	260	4450	4722	forward	Functional	BoTRDV1
	261	5155	5424	forward	Pseudo	BoTRDV1
	262	11011	11280	forward	Functional	HuTRAV24
	263[b]	17435	17694	forward	Incomplete	HuTRAV25
	BoTRDV1.15	19769	20041	forward	Functional	BoTRDV1
	264	20485	20751	forward	Functional	HuTRAV25
	265	28653	28925	forward	Functional	BoTRDV1
	266	41038	41304	forward	Functional	HuTRAV26
	267	50488	50754	forward	Functional	BoTRDV1
	268	61571	61840	forward	Pseudo	HuTRAV8
	269	62520	62780	forward	Functional	HuTRAV22
	270	74297	74578	forward	Functional	BoTRDV1
	271	84785	85051	forward	Functional	HuTRAV4
	272	94141	94410	forward	Functional	HuTRAV5
	273	110341	110610	forward	Functional	HuTRAV9
	274	114909	115178	forward	Functional	HuTRAV13

Chromosome	Gene number	V exon Start (bp)	End (bp)	Strand	Functional / Pseudo gene	Subgroup
Un.004.365						
	275	120307	120582	forward	Functional	HuTRAV14
Un.004.3713						
	276	10688	10966	reverse	Functional	BoTRDV1
Un.004.3987						
	277	3386	3655	forward	Functional	HuTRAV5
Un.004.4259						
	278	4589	4858	forward	Functional	HuTRAV9
	279	9721	9981	forward	Functional	Gene 82 subgroup
Un.004.4322						
	280	9615	9893	reverse	Functional	BoTRDV1
Un.004.4716						
	281	560	829	forward	Functional	HuTRAV13
	282	6938	7213	forward	Functional	HuTRAV14
Un.004.5018						
	283	3039	3305	forward	Pseudo	HuTRAV17
Un.004.5412						
	284[b]	3187	3318	forward	Incomplete	Gene 284 subgroup
	285	7618	7887	forward	Functional	HuTRAV13
Un.004.5648						
	286	5705	5965	forward	Functional	HuTRAV22
	287	6645	6914	reverse	Pseudo	HuTRAV8
Un.004.6076						
	288	5441	5713	reverse	Functional	HuTRAV8
Un.004.6291						
	289	3157	3429	reverse	Functional	BoTRDV3
Un.004.6327						
	290	3711	3986	reverse	Functional	HuTRAV14
Un.004.64						
	291	5913	6194	forward	Functional	BoTRDV1
	292	14991	15257	forward	Functional	HuTRAV4
	293	26427	26696	forward	Functional	HuTRAV5
	294	67359	67634	forward	Pseudo	HuTRAV14
	295	73721	73990	forward	Functional	HuTRAV9
	296	77975	78244	forward	Functional	HuTRAV13
	297	83238	83513	forward	Functional	HuTRAV14
	298	100899	101168	forward	Functional	HuTRAV9
	299	106032	106292	forward	Functional	Gene 82 subgroup
	300	110429	110698	forward	Pseudo	HuTRAV13
	301	114154	114429	forward	Pseudo	HuTRAV14
	302	124637	124906	forward	Pseudo	HuTRAV9
	303	132294	132563	forward	Functional	HuTRAV10

Chromosome	Gene number	V exon Start (bp)	End (bp)	Strand	Functional / Pseudo gene	Subgroup
Un.004.64						
	304	144667	144933	forward	Functional	Gene 54 subgroup
	305	215974	216240	forward	Functional	HuTRAV18
	306	220503	220775	forward	Functional	Gene 50 subgroup
	307	226192	226464	forward	Functional	Gene 50 subgroup
	308	237422	237694	forward	Functional	Gene 50 subgroup
	309	254594	254866	forward	Functional	Gene 50 subgroup
	310	257074	257349	forward	Functional	HuTRAV19
	311	266118	266375	forward	Functional	HuTRAV20
	312	274020	274289	forward	Functional	HuTRAV21
	313	278758	279027	forward	Functional	HuTRAV21
	314	282226	282498	forward	Functional	HuTRAV8
	315	286668	286928	forward	Functional	HuTRAV22
	316	294064	294333	forward	Functional	HuTRAV23
	317	300560	300841	forward	Functional	BoTRDV1
	318	312729	312995	forward	Functional	HuTRAV25
	319	323111	323377	forward	Functional	HuTRAV26
	320	326162	326422	forward	Functional	HuTRAV22
	321	331685	331963	forward	Functional	BoTRDV1
	322	337265	337534	forward	Pseudo	HuTRAV24
	323	341892	342152	forward	Functional	HuTRAV22
	324	347255	347541	forward	Pseudo	HuTRAV23
	325	351982	352260	forward	Pseudo	BoTRDV1
	326	359727	359993	forward	Functional	HuTRAV25
	327	372465	372719	reverse	Functional	Gene 327 subgroup
	328	377707	377967	forward	Functional	HuTRAV22
	329	386292	386550	forward	Pseudo	HuTRAV23
	330	391233	391514	forward	Functional	BoTRDV1
	331	401762	402028	forward	Functional	HuTRAV26
	332	408430	408699	forward	Functional	HuTRAV25
	333	414771	415043	forward	Functional	BoTRDV1
	334	423389	423655	forward	Functional	HuTRAV26
	335	426400	426660	forward	Functional	HuTRAV22
	336	435270	435536	forward	Functional	HuTRAV26
	337	438285	438551	forward	Pseudo	HuTRAV22
	338	439473	439742	forward	Functional	HuTRAV23
Un.004.69						
	339	16733	17011	forward	Functional	BoTRDV1
	340	22055	22321	forward	Pseudo	HuTRAV4
	341	31479	31748	forward	Functional	HuTRAV9
	342	36131	36400	forward	Functional	HuTRAV13
	343	41747	42010	forward	Pseudo	Gene 57 subgroup
	344	42966	43235	forward	Functional	HuTRAV11
	345	59584	59850	forward	Functional	Gene 54 subgroup
	346	69740	70006	reverse	Pseudo	HuTRAV4
	347	75050	75328	reverse	Functional	BoTRDV1
	348	286504	286776	forward	Functional	Gene 50 subgroup
	349	288677	288952	forward	Functional	HuTRAV19
	350	297491	297757	forward	Functional	HuTRAV25
	BoTRDV1.23	303827	304099	forward	Functional	BoTRDV1
	351	315180	315452	forward	Functional	BoTRDV1
	352	324411	324677	forward	Functional	HuTRAV26
	353	327421	327681	forward	Functional	HuTRAV22

Chromosome	Gene number	V exon Start (bp)	End (bp)	Strand	Functional / Pseudo gene	Subgroup
Un.004.69						
	354	328604	328873	forward	Pseudo	HuTRAV23
	355	341279	341557	forward	Pseudo	BoTRDV1
	356	346700	346969	forward	Pseudo	Gene 356 subgroup
	357	351794	352063	forward	Pseudo	HuTRAV23
	BoTRDV1.27	356855	357133	forward	Functional	BoTRDV1
	358	373578	373823	forward	Functional	BoTRDV1
	359	382770	383036	forward	Functional	HuTRAV26
	360	390362	390631	forward	Functional	HuTRAV26
	361	398036	398305	forward	Functional	HuTRAV24
	362	404696	404962	forward	Functional	HuTRAV25
	363	415688	415954	forward	Functional	HuTRAV26
	364	425989	426261	forward	Functional	HuTRAV8
Un.004.7141						
	365	1925	2191	reverse	Functional	Gene 54 subgroup
Un.004.835						
	366	8556	8828	reverse	Functional	Gene 50 subgroup
	367	15298	15570	reverse	Functional	Gene 50 subgroup
	368	21007	21279	reverse	Functional	Gene 50 subgroup
	369	25545	25811	reverse	Functional	HuTRAV18
	370	38602	38868	reverse	Pseudo	HuTRAV17
	371	44671	44931	reverse	Functional	HuTRAV16
	372	62945	63211	reverse	Functional	Gene 54 subgroup
Un.004.885						
	373	9746	10015	reverse	Pseudo	HuTRAV23
	374	10943	11203	reverse	Functional	HuTRAV22
	375	21957	22229	reverse	Functional	BoTRDV1
	376	28475	28741	reverse	Functional	HuTRAV25
	377	32728	32994	reverse	Functional	HuTRAV26
	378	40080	40349	reverse	Pseudo	HuTRAV23
	379	41270	41530	reverse	Functional	HuTRAV22
	380	47792	48055	reverse	Functional	HuTRAV26
	381	58042	58314	reverse	Functional	BoTRDV1
Un.004.8934						
	382	1857	2135	reverse	Functional	BoTRDV1
Un.004.977						
	383	7448	7714	reverse	Pseudo	HuTRAV26
	384	17390	17656	reverse	Functional	HuTRAV36
	385	30817	31098	reverse	Pseudo	Gene 385 subgroup
	386	34430	34690	forward	Functional	HuTRAV28
	387	40729	40998	forward	Functional	HuTRAV29
	BoTRDV2.2	44222	44494	forward	Functional	BoTRDV2
	388	48977	49252	forward	Functional	HuTRAV38