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ENWG0000013818	3124	2182	2574	2132	2232	2405	1931	2523	1754	1600	6178	1187	4894	4462	5372	5590	1910	2882	2482	3408	5254	2152	3498	2983	2044	3162	1052	4815	4817	3806	5932	6710	
ENWG0000013819	0	0	3	2	0	3	2	2	1	1	5	0	0	0	0	0	1	2	1	3	0	3	2	4	0	0	1	1	2	5	5	7	6
ENWG0000013820	23	34	18	18	5	5	3	7	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013821	0	0	1	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013823	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013825	717	485	652	498	486	536	386	562	533	245	1702	277	657	564	685	745	139	235	277	491	726	332	542	280	370	527	386	1118	505	622	551	734	
ENWG0000013826	1022	812	500	632	505	924	871	111	818	524	1626	405	1003	1220	405	873	120	452	107	142	664	322	113	664	322	113	664	322	113	664	322	113	
ENWG0000013827	0	0	0	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	
ENWG0000013828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013829	82	82	69	119	26	18	18	24	5	14	14	52	48	37	37	19	19	24	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013830	0	0	2	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	
ENWG0000013831	1221	1301	1365	1386	1300	1184	884	1087	883	3	2	1785	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013832	1036	1234	1270	1262	1842	1886	1447	1017	2	632	2521	515	132	1188	1550	182	142	158	142	158	142	158	142	158	142	158	142	158	142	158	142	158	
ENWG0000013833	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013834	14	10	12	15	14	18	17	17	9	75	14	14	15	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013835	14	10	12	15	14	18	17	17	9	75	14	14	15	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013836	1538	1542	1528	973	874	910	538	1029	1161	878	3888	787	1322	1153	1535	1573	2240	2369	2432	1779	1949	745	1615	893	949	1195	967	2418	1738	1527	1590	2144	
ENWG0000013837	436	440	399	522	450	460	390	427	47	31	117	33	30	35	30	35	49	61	36	19	774	248	251	134	27	45	19	75	42	37	57		
ENWG0000013838	301	278	238	252	336	250	284	301	252	255	633	193	347	311	318	449	107	249	180	284	452	235	384	154	193	277	152	429	226	296	168	288	
ENWG0000013839	2093	1524	1722	1521	1521	1113	737	1131	380	1745	3101	867	2009	1861	2015	2403	1924	1923	1923	1463	1615	1000	778	1461	734	826	1290	754	2162	2045	1024	2013	
ENWG0000013840	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013841	2	2	1	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	
ENWG0000013842	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013843	1239	887	1189	947	2070	2171	1624	2080	1328	1041	4325	785	3627	3145	4170	4234	685	883	878	1459	4234	1820	2834	1626	1155	2139	771	2458	3876	5140	4124	5263	
ENWG0000013844	1428	1409	1321	832	1382	1392	986	1420	399	847	2473	864	1421	381	146	166	189	1744	82	1139	1020	2493	1990	2024	856	1095	477	1694	1828	1377	1557	1661	
ENWG0000013845	4024	2642	4181	3683	5854	6124	4838	5916	384	2873	11044	2142	15889	12625	13883	15577	1142	1330	1280	3296	7091	3576	5857	3100	2724	5319	1637	7521	6581	10313	6616	10103	
ENWG0000013846	220	225	233	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013847	215	220	213	205	4	1	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	
ENWG0000013848	47	46	55	52	65	96	37	100	59	59	261	48	52	49	75	10	19	13	34	24	39	64	24	29	42	36	119	20	46	37	55	0	
ENWG0000013849	721	264	688	543	830	881	874	1023	585	777	1174	1248	1511	556	865	1082	1454	581	1051	855	828	1082	828	1051	828	1051	828	1051	828	1051	828	1051	
ENWG0000013850	1486	1079	1230	1076	1875	1958	1462	2003	1603	1387	5453	989	2915	2268	3105	3101	532	799	619	987	3243	1353	1247	1341	2279	1134	2434	219	2782	2386	2995	0	
ENWG0000013851	239	242	238	245	297	303	242	280	281	312	1268	388	460	842	946	788	1121	1019	981	1321	1019	981	1321	1019	981	1321	1019	981	1321	1019	981	1321	
ENWG0000013852	458	440	399	522	450	460	390	427	47	31	117	33	30	35	30	35	49	61	36	19	774	248	251	134	27	45	19	75	42	37	57		
ENWG0000013853	346	218	338	288	247	277	203	281	245	220	1245	212	94	80	125	146	165	198	183	250	381	286	299	193	177	309	351	677	110	198	120	188	
ENWG0000013854	4024	2642	4181	3683	5854	6124	4838	5916	384	2873	11044	2142	15889	12625	13883	15577	1142	1330	1280	3296	7091	3576	5857	3100	2724	5319	1637	7521	6581	10313	6616	10103	
ENWG0000013855	29	10	12	6	12	12	12	16	13	7	45	9	25	15	32	17	5	12	4	16	25	10	19	19	15	13	9	36	9	16	21	44	
ENWG0000013856	1487	1409	1321	832	1382	1392	986	1420	399	847	2473	864	1421	381	146	166	189	1744	82	1139	1020	2493	1990	2024	856	1095	477	1694	1828	1377	1557	1661	
ENWG0000013857	54	37	52	43	52	40	35	54	41	29	131	16	39	24	30	40	15	11	17	35	49	26	29	11	11	29	29	59	13	27	24	39	
ENWG0000013858	619	398	538	238	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	
ENWG0000013859	0	1	1	1	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	
ENWG0000013860	0	1	1	1	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	
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ENWG0000013862	2	1	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	
ENWG0000013863	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000013864	1	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	
ENWG0000013865	1479	1479	1561	1454	1335	1537	1347	1710	1034	845	3766	588	1424	1235	1480	1686	1686	1418	1238	1485	2875	1150	2250	1057	836	1154	925	2137	950	1380	1344	1577	
ENWG0000013866	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	1261	
ENWG0000013867	1	1	1188	1800																													

ENSG0000011844	1220	743	875	768	887	946	875	914	1034	1034	6055	1075	1094	1389	1740	1824	1296	1889	1248	1020	2198	813	1512	785	1512	2199	1530	3791	1970	1725	2999	2107	9	
ENSG0000011845	15	10	0	8	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011846	301	278	305	325	0	0	0	0	0	0	0	0	0	21	0	17	25	255	286	325	0	0	0	0	0	0	0	0	0	0	0	0	27	
ENSG0000011847	22	25	11	12	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011848	280	244	280	310	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	114	101	
ENSG0000011849	3	4	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		
ENSG0000011850	5	11	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		
ENSG0000011851	4	6	8	1	2	0	0	2	7	10	6	19	0	11	3	3	9	1	1	3	9	1	2	3	3	7	12	5	2	6	6	0	0	
ENSG0000011852	5	4	0	2	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	
ENSG0000011853	3	1	0	5	3	2	5	6	4	4	15	4	2	1	2	6	2	1	2	1	3	3	2	2	0	2	1	4	11	1	7	1	0	
ENSG0000011854	2	5	1	0	0	0	0	1	0	0	0	1	0	2	8	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011855	7	1	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	
ENSG0000011856	6	5	10	4	1	0	1	0	1	0	2	2	0	0	0	4	10	8	10	0	0	0	0	0	0	0	0	0	0	0	2	1	1	
ENSG0000011857	7	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	0	
ENSG0000011858	7789	5976	7050	5535	1255	1253	943	1252	3863	3134	10075	2191	6549	10800	16446	6524	1222	1843	1381	2322	2023	481	1367	644	3227	4833	2828	7411	3325	4524	3014	4448	0	
ENSG0000011859	14	7	14	34	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54	14	54
ENSG0000011860	10	5	12	5	46	48	47	34	15	19	277	10	27	25	21	30	1	4	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSG0000011861	17	140	601	313	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	873	
ENSG0000011862	0	0	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	
ENSG0000011863	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011865	38	134	184	157	0	0	0	0	19	24	48	24	0	43	19	37	14	42	15	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSG0000011866	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011867	0	1	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	
ENSG0000011868	206	143	153	145	164	177	120	203	142	115	449	74	363	333	427	454	190	198	221	167	311	154	228	194	65	100	120	225	276	333	412	406	1	
ENSG0000011869	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	0	0	
ENSG0000011870	4135	2302	3415	2837	1245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011871	4	6	11	0	2	3	11	15	5	8	13	46	9	17	5	5	13	0	0	2	11	17	2	4	15	16	14	9	25	12	17	8	26	
ENSG0000011872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011873	0	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	0	
ENSG0000011874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011875	2	0	0	0	2	3	5	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011876	4	0	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	
ENSG0000011877	1116	736	931	793	2774	3023	2162	3211	1477	1344	6326	946	1466	1317	1802	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716	
ENSG0000011878	1134	878	973	883	985	1092	746	1078	1468	1296	5577	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	1633	1841	
ENSG0000011879	124	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	130	137	
ENSG0000011880	1	0	2	0	0	0	0	0	0	0	5	7	18	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011881	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011882	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011884	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011886	191	301	252	308	527	623	282	621	917	805	6449	775	213	250	386	455	42	79	97	189	1590	987	1050	641	982	1815	1810	3784	231	481	570	872	0	
ENSG0000011887	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000011888	0	2	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	
ENSG0000011889	167	107	152	147	212	259	159	242	96	65	246	53	277	251	227	238	130	134	0	175	259	120	198	142	46	101	30	120	119	105	174	195	0	
ENSG0000011890	201	217	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	
ENSG0000011891	257	217	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	
ENSG0000011892	385	233	275	264	295	340	279	343	383	273	1399	284	328	438	435	450	608	385	465	377	423	607	289	472	381	343	447	311	754	334	497	662	673	
ENSG0000011893	4	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	0	
ENSG0000011894	468	383	423	319	505	559	412	589	535	462	2214	332	537	580	405	646	200	332	272	391	1110	465	780	441	465	759	553	1362	348	465	344			





[illegible]

EWG0000013948	1752	1236	1415	1245	1245	1433	1048	1408	822	704	3008	546	889	804	915	998	372	760	744	1323	2039	1110	1709	1133	748	1118	762	2228	589	894	700	1018		
EWG0000013949	39	80	46	23	23	16	17	34	23	105	17	25	27	27	27	28	15	27	15	37	50	18	27	50	26	25	23	15	80	25	39	30		
EWG0000013950	128	13	108	1183	1256	1378	880	120	24	32	186	0	0	0	1	0	344	889	324	178	1572	887	1275	604	7	21	12	86	0	0	0	1		
EWG0000013951	20	0	0	21	21	7	0	4	0	0	0	0	0	0	0	0	3	11	0	16	20	7	9	16	0	0	0	0	0	0	0	0		
EWG0000013952	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013954	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013955	487	487	445	445	415	816	474	389	559	246	225	1044	194	435	505	462	633	270	553	308	526	834	411	630	342	250	394	250	769	341	446	319	463	
EWG0000013956	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013957	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013958	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013959	804	543	772	607	809	756	681	814	534	380	1262	321	895	982	1189	1166	1280	1586	1483	1125	2220	822	1641	888	946	795	396	1182	1257	1702	1552	1430		
EWG0000013960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013964	21	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	
EWG0000013965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013966	6	12	8	0	0	6	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013967	1305	9005	8005	8404	3203	314	250	2389	2483	14072	1907	0	45305	5902	2384	23016	12208	12081	14028	20074	3335	3613	11340	16938	10098	0	2071	0	2683	2249	29791	31401		
EWG0000013968	431	488	439	430	120	169	109	163	74	60	363	53	632	605	562	886	141	154	118	451	158	106	133	103	63	105	64	227	34	729	421	845		
EWG0000013969	12	19	16	16	21	18	13	16	24	0	0	0	0	0	0	10	15	12	16	3	15	30	17	9	0	0	0	0	0	6	12	11	12	
EWG0000013970	1681	1108	1336	1146	1565	1686	1466	1783	1403	1109	5205	803	3481	3347	3328	3325	807	807	1006	359	1196	3215	1240	2037	1186	1306	2079	1086	3094	2702	3116	2817	3284	
EWG0000013971	1058	1175	1404	1179	1020	1004	734	1010	834	687	3148	407	1980	1835	2003	2380	553	685	742	1100	1363	632	1002	557	899	836	779	1929	1163	1709	1362	1786		
EWG0000013972	0	16	16	12	12	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013973	2	1	2	3	16	31	15	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013974	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013975	492	580	580	545	273	316	226	327	0	0	0	0	0	0	73	77	69	89	216	262	208	625	340	156	281	197	0	0	0	0	23	95	27	70
EWG0000013976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013979	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013981	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013982	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013983	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013986	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000013999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000020000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000020001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EWG0000020002	0	0	0	0																														





























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ENWG0000000478	17	12	20	9	37	53	30	52	16	17	71	6	18	11	13	15	2	1	1	12	47	23	28	19	7	14	9	29	3	8	5	15
ENWG0000000495	0	3	0	0	0	0	0	0	0	0	291	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENWG0000000511	631	391	381	251	1	191	191	301	481	661	101	261	461	651	714	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	1212	
ENWG0000000528	837	635	885	575	485	518	375	525	752	585	252	727	855	885	1055	1185	1055	1185	1055	1185	1055	1185	1055	1185	1055	1185	1055	1185	1055	1185	1055	
ENWG0000000545	0	0	1	0	0	0	0	0	0	0	4	4	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000562	545	384	332	362	96	117	84	111	225	246	1739	213	220	230	221	291	140	189	122	162	193	81	140	118	220	305	737	1139	115	197	154	216
ENWG0000000579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000596	1	1	0	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	
ENWG0000000613	251	191	291	329	96	111	101	171	721	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	
ENWG0000000630	2	1	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	
ENWG0000000647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000664	141	1305	1057	1073	2	2	2	2	0	0	1305	863	1685	851	1685	1305	1375	1545	255	354	128	422	0	0	0	0	0	0	0	0	0	0
ENWG0000000681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000732	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000766	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000783	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000817	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000834	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000851	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000902	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000919	350	334	411	236	273	316	194	311	526	354	1551	334	459	460	477	580	495	480	421	452	620	273	459	288	345	556	372	931	499	526	520	652
ENWG0000000936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000000987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001004	453	335	420	377	125	125	119	170	290	297	347	305	187	213	170	258	219	354	295	395	313	101	182	116	300	419	592	1973	126	177	179	277
ENWG0000001021	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001072	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001089	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001293	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001361	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001395	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001429	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENWG0000001446	0	0	0	0	0																											







































































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EWNG0000020270	0	0	0	0	0	1	3	0	0	1	0	1	0	0	0	5	3	2	4	4	0	0	0	1	0	0	0	
EWNG0000021710	537	337	459	380	360	350	292	420	670	533	1805	400	298	303	227	394	281	400	453	676	296	260	240	40	0	0	210	406
EWNG0000022810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000023310	38	38	52	39	440	157	118	149	73	85	369	65	102	82	114	9	20	21	38	162	85	107	71	53	58	96	21	46
EWNG0000023810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000024310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000024810	208	268	338	398	386	380	480	287	463	141	162	269	104	46	75	57	117	44	165	108	239	432	234	353	189	24	105	63
EWNG0000025310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000025810	0	1	0	1	4	8	0	0	0	0	29	35	109	36	5	8	5	0	0	1	6	10	2	5	24	62	68	129
EWNG0000026310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000026810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000027310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000027810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000028310	120	130	132	105	113	81	114	114	88	62	208	465	717	2	624	0	0	0	74	151	80	1029	681	470	871	386	1867	393
EWNG0000028810	529	416	553	462	610	650	580	364	354	1930	321	314	343	218	458	191	183	167	352	546	659	467	260	536	434	1086	230	
EWNG0000029310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000029810	726	507	648	513	444	622	325	418	628	456	2832	486	634	576	699	734	923	1124	1108	1146	1153	1265	946	412	633	862	538	
EWNG0000030310	160	120	132	105	113	81	114	114	88	62	208	465	717	2	624	0	0	0	74	151	80	1029	681	470	871	386	1867	393
EWNG0000030810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000031310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000031810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000032310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000032810	114	169	239	185	94	124	72	121	0	6	0	2	62	102	57	23	35	58	36	129	260	65	52	47	0	0	0	0
EWNG0000033310	25	16	12	13	38	30	30	0	0	0	0	0	0	0	0	0	0	0	19	139	97	61	31	0	0	0	0	
EWNG0000033810	37	35	43	41	37	41	21	34	0	0	1	0	49	45	45	50	49	70	58	62	71	19	51	23	0	0	0	
EWNG0000034310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000034810	14	17	23	21	18	26	23	34	0	0	0	0	6	3	7	4	0	2	22	15	7	8	16	0	0	0	0	
EWNG0000035310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000035810	26	49	60	32	68	74	41	25	1	0	29693	6200	32009	19178	17721	23848	6272	1220	28	51	61	61	394	5	0	0	0	0
EWNG0000036310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000036810	4	14	26	11	25	46	2	10	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000037310	166	1203	1307	1215	805	834	531	881	1075	924	3487	161	209	517	405	697	533	698	312	1326	1310	1488	994	608	833	1206	467	
EWNG0000037810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000038310	4	16	8	4	1	5	0	1	2	0	1	5	5	4	6	1	1	1	2	9	6	2	4	1	2	5	7	11
EWNG0000038810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000039310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000039810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000040310	802	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	
EWNG0000040810	1219	734	1074	862	1213	1296	912	1288	935	825	2835	163	141	1042	1298	1395	530	802	880	1134	2267	1031	1022	988	747	1157	467	
EWNG0000041310	54	67	104	30	64	117	6	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000041810	2126	1742	2010	1789	1634	1838	1384	1815	1340	1502	4704	825	1852	1632	1821	2116	843	959	885	1875	2337	1187	1596	1020	882	1636	1026	
EWNG0000042310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000042810	144	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	
EWNG0000043310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000043810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000044310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000044810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000045310	120	130	132	105	113	81	114	114	88	62	208	465	717	2	624	0	0	0	74	151	80	1029	681	470	871	386	1867	
EWNG0000045810	24	41	24	53	13	64	9849	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	6506	
EWNG0000046310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000046810	38	26	31	10	11	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000047310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000047810	6074	5987	5731	5957	5708	5487	5907	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	5870	
EWNG0000048310	134	108	140	66	144	143	141	102	133	128	367	51	173	130	232	22	41	47	111	222	135	108	103	166	20	63	256	
EWNG0000048810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000049310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000049810	1426	888	1158	1157	811	696	621	586	1216	864	3604	824	964	1153	774	1144	1377	2505	1678	1937	814	1374	1025	1623	768	2538	1082	
EWNG0000050310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EWNG0000050810	2236	1363	1331	1247	1302	1338	904	1311	869	693	2968	261	564	539	463	797	880	1119	534	1075	2050	824	1458	681	737	1230	629	
EWNG0000051310	924	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	
EWNG0000051810	1874	1410	1712	1474	161	1043	728	10																				









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ENSG0000029327	62	27	47	1	51	108	130	98	139	84	46	201	18	121	85	148	142	18	8	21	45	176	68	110	82	33	53	46	93	57	87	94	36
ENSG0000029328	103	22	119	2	622	445	507	528	279	387	124	118	718	0	497	673	455	530	227	162	242	247	303	544	231	160	240	186	421	213	131	241	34
ENSG0000029329	13	1	119	2	20	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	
ENSG0000029330	47	28	54	35	47	100	39	60	83	42	189	26	110	80	77	84	30	19	42	52	94	36	73	29	36	49	54	117	87	88	94	32	
ENSG0000029331	197	48	210	210	180	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
ENSG0000029332	191	88	153	119	817	900	645	1038	181	137	468	77	843	711	989	826	150	82	133	133	1711	645	1045	707	153	217	126	434	549	714	874	74	
ENSG0000029333	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSG0000029334	1	2	2	3	6	10	8	3	1	4	2	14	18	20	20	16	1	4	3	3	2	1	4	3	3	2	1	2	0	6	14	10	17
ENSG0000029335	36	54	86	44	155	207	133	242	62	54	246	41	307	284	303	356	83	71	84	84	387	120	173	84	73	85	230	287	331	333	333	333	
ENSG0000029336	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSG0000029337	10	1	9	0	0	295	310	233	344	108	194	832	134	404	307	525	487	2	0	0	0	829	383	537	284	242	353	218	618	387	500	479	
ENSG0000029338	8	13	18	18	23	233	252	159	269	183	147	611	127	272	253	222	318	6	2	3	7	364	125	289	140	182	250	192	465	171	224	207	229
ENSG0000029339	349	388	788	288	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131	207	131
ENSG0000029340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029341	11	8	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029342	2	2	2	4	3	16	6	8	8	6	8	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
ENSG0000029343	6	6	7	5	3	353	433	333	448	170	162	749	100	407	461	527	553	2	1	3	20	743	341	469	361	194	240	203	512	298	400	440	
ENSG0000029344	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSG0000029345	307	127	250	150	365	250	125	113	288	148	62	543	1127	170	134	343	281	160	160	162	150	162	188	250	160	160	160	160	160	160	160	160	160
ENSG0000029346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029347	401	201	810	310	740	830	640	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	
ENSG0000029348	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	0	
ENSG0000029349	17	8	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029350	237	103	216	111	161	201	140	206	172	140	576	92	221	193	241	226	140	150	200	280	376	147	287	149	131	195	182	379	170	130	231	285	
ENSG0000029351	514	289	436	289	460	504	342	540	240	152	700	122	250	226	271	285	400	476	580	510	1176	600	800	526	207	287	142	538	381	230	300	308	
ENSG0000029352	79	79	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100	88	100
ENSG0000029353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029355	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ENSG0000029356	149	94	190	120	72	52	39	53	4	4	35	4	37	33	24	36	103	69	124	111	62	38	46	33	1	5	5	17	20	29	21	27	
ENSG0000029357	793	462	653	455	707	696	478	687	113	93	434	79	646	583	633	643	586	540	646	637	1539	639	1027	666	135	200	119	303	532	533	538	607	
ENSG0000029358	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029361	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029363	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029366	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029367	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG0000029370	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																







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ENSG00000000001	617	4218	13372	4587	4320	4086	3188	4080	4043	2728	9054	2387	5612	5032	6338	6566	7448	10279	9230	7895	10452	4224	7574	4041	3339	5289	1380	6537	6752	6933	7059	7088	8	
ENSG00000000002	1249	199	2288	1047	1314	1218	891	1180	897	820	3301	637	1387	631	111	31	891	401	440	436	1054	1489	733	1004	580	520	1895	196	390	395	253	698	10	
ENSG00000000003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000005	171	222	130	214	418	362	247	363	289	240	1614	315	118	147	71	171	38	96	70	106	531	202	364	157	286	426	396	992	63	63	41	91	0	
ENSG00000000006	861	775	873	81	10	20	14	11	14	6	9	14	6	9	7	8	10	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
ENSG00000000007	15	12	20	10	22	14	11	14	6	9	14	6	9	7	8	10	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
ENSG00000000008	52	42	38	39	21	26	11	33	10	11	44	8	7	3	3	1	35	35	20	52	49	28	37	35	14	11	14	35	4	7	4	9	0	
ENSG00000000009	34	27	37	46	16	18	25	32	14	14	27	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
ENSG00000000010	8	1	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000011	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000012	1293	371	1073	1058	713	670	516	684	533	416	1816	307	594	582	369	720	349	527	521	981	1112	517	870	468	376	635	429	869	462	572	439	667	0	
ENSG00000000013	101	117	130	127	126	153	91	148	91	68	504	86	5	15	7	20	17	41	13	91	151	106	113	80	45	91	126	218	5	6	3	3	0	
ENSG00000000014	635	638	853	679	607	679	533	750	361	335	1846	307	594	582	369	720	349	527	521	981	1112	517	870	468	376	635	429	869	462	572	439	667	0	
ENSG00000000015	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
ENSG00000000016	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ENSG00000000017	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSG00000000018	18	13	23	13	21	29	19	24	19	24	21	14	2	4	9	2	4	9	2	4	9	2	4	9	2	4	9	2	4	9	2	4	9	2
ENSG00000000019	1817	509	1620	1620	2775	2059	2775	2059	1210	1620	3051	2775	891	1035	1235	2059	409	1035	1235	2059	409	1035	1235	2059	409	1035	1235	2059	409	1035	1235	2059	409	1035
ENSG00000000020	8	12	7	7	6	1	8	11	3	3	21	1	8	7	2	2	1	5	14	6	6	13	2	11	10	2	11	10	2	1	5	8	0	
ENSG00000000021	1	6	1	2	1	0	0	0	0	0	12	2	1	1	1	1	1	4	0	0	4	1	1	1	0	0	3	6	0	0	0	2	2	0
ENSG00000000022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000023	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	0	0	
ENSG00000000024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSG00000000054	0	0	0	0	0	0	0</																											



[illegible]











