

Convention Description

DE RPKM RPKM values for Dextrose exponential phase
FE RPKM RPKM values for Fatty Acids exponential phase

FDR Fisher Exact Test Statistically significant differential expression between two conditions is determined by looking at genes with FDR values below 0.05.

Top to bottom parts: Genes are ordered from highest to lowest FDR values

Upper part: Genes with significant higher expression in FE *versus* DE

Middle part: Genes with significant lower expression in FE *versus* DE

Lower part: Genes with no significant differential expression

Table S1A. Fisher Exact Test in Exponential Phase of Growth

GENES	DE RPKM	FE RPKM	FDR Fisher Exact Test	Functional Category/Tuberculist
Rv2204c	136	148	2,53008E-13	conserved hypotheticals
Rv2557	40	74	9,52705E-13	conserved hypotheticals
Rv1398c	192	317	1,08988E-12	virulence, detoxification, adaptation
Rv1996	44	85	1,08988E-12	virulence, detoxification, adaptation
Rv3229c	20	76	1,08988E-12	lipid metabolism
Rv0682	22	67	1,08988E-12	information pathways
Rv3289c	18	136	1,08988E-12	cell wall and cell processes
Rv3614c	48	135	1,08988E-12	cell wall and cell processes
Rv0693	15	115	1,08988E-12	intermediary metabolism and respiration
Rv1311	86	152	1,08988E-12	intermediary metabolism and respiration
Rv3290c	23	73	1,08988E-12	intermediary metabolism and respiration
Rv2160A	27	137	1,08988E-12	regulatory proteins
Rv0079	64	102	1,08988E-12	conserved hypotheticals
Rv0692	42	126	1,08988E-12	conserved hypotheticals
Rv1813c	51	180	1,08988E-12	conserved hypotheticals
Rv3131	100	289	1,08988E-12	conserved hypotheticals
Rv3906c	4	34	2,7215E-12	conserved hypotheticals
Rv0509	57	86	6,15535E-12	intermediary metabolism and respiration

Rv2393	9	38	5,98196E-11 intermediary metabolism and respiration
Rv3288c	59	83	1,09818E-10 conserved hypotheticals
Rv2781c	10	38	1,94249E-10 intermediary metabolism and respiration
Rv0190	73	91	7,37511E-10 conserved hypotheticals
Rv1110	25	52	9,75566E-10 cell wall and cell processes
Rv1947	5	29	2,4711E-09 conserved hypotheticals
Rv0467	8	31	1,57666E-08 intermediary metabolism and respiration
Rv3686c	28	51	1,60004E-08 conserved hypotheticals
Rv1733c	13	36	2,6153E-08 cell wall and cell processes
Rv3613c	8	29	1,05817E-07 conserved hypotheticals
Rv1066	19	40	1,28318E-07 conserved hypotheticals
Rv3837c	18	38	3,06494E-07 intermediary metabolism and respiration
Rv1184c	5	24	3,69208E-07 cell wall and cell processes
Rv2590	7	26	5,68146E-07 lipid metabolism
Rv0508	14	33	8,01608E-07 conserved hypotheticals
Rv2391	17	35	2,64378E-06 intermediary metabolism and respiration
Rv2161c	67	72	3,02844E-06 intermediary metabolism and respiration
Rv0696	6	23	3,20971E-06 intermediary metabolism and respiration
Rv1310	53	62	3,85328E-06 intermediary metabolism and respiration
Rv3134c	72	74	5,98851E-06 virulence, detoxification, adaptation
Rv3923c	39	51	6,07044E-06 information pathways
Rv1174c	38	50	7,34397E-06 cell wall and cell processes
Rv2392	8	24	8,89738E-06 intermediary metabolism and respiration
Rv2922A	3	18	9,04757E-06 intermediary metabolism and respiration
Rv0866	16	32	1,03905E-05 intermediary metabolism and respiration
Rv2342	19	34	1,18582E-05 conserved hypotheticals
Rv1201c	20	35	1,65011E-05 intermediary metabolism and respiration
Rv1904	9	24	2,14472E-05 conserved hypotheticals
Rv3588c	3	17	2,42089E-05 intermediary metabolism and respiration
Rv3307	8	22	4,98361E-05 intermediary metabolism and respiration
Rv0145	29	40	5,22816E-05 lipid metabolism
Rv3922c	59	61	5,51564E-05 virulence, detoxification, adaptation
Rv0250c	16	29	7,54408E-05 conserved hypotheticals
Rv1772	26	37	0,000115402 conserved hypotheticals

Rv3825c	33	42	0,000134584 lipid metabolism
Rv0808	31	39	0,000246399 intermediary metabolism and respiration
Rv3487c	17	28	0,000396176 intermediary metabolism and respiration
Rv1638A	17	28	0,000396176 conserved hypotheticals
Rv3241c	11	22	0,000500956 information pathways
Rv2220	37	42	0,000504747 intermediary metabolism and respiration
Rv0291	26	34	0,000574297 intermediary metabolism and respiration
Rv1180	5	16	0,000588572 lipid metabolism
Rv2092c	8	19	0,00059448 information pathways
Rv0870c	10	20	0,001141502 cell wall and cell processes
Rv3312A	3	13	0,001144501 cell wall and cell processes
Rv0697	3	13	0,001144501 intermediary metabolism and respiration
Rv2439c	4	14	0,001265082 intermediary metabolism and respiration
Rv2159c	30	36	0,001273258 conserved hypotheticals
Rv3907c	8	18	0,001273772 information pathways
Rv1628c	8	18	0,001273772 conserved hypotheticals
Rv2542	1	10	0,001544712 conserved hypotheticals
Rv0144	20	28	0,001591085 regulatory proteins
Rv2558	43	44	0,001741085 conserved hypotheticals
Rv1700	13	22	0,001797326 information pathways
Rv2902c	30	35	0,00193951 information pathways
Rv1057	2	11	0,002210585 conserved hypotheticals
Rv3733c	9	18	0,002504642 conserved hypotheticals
Rv0995	7	16	0,002860412 information pathways
Rv1927	4	13	0,002897917 conserved hypotheticals
Rv3416	6	15	0,002932085 regulatory proteins
Rv1448c	23	29	0,003114912 intermediary metabolism and respiration
Rv0485	35	37	0,004191599 regulatory proteins
Rv1908c	14	22	0,004337147 virulence, detoxification, adaptation
Rv1870c	11	19	0,004833326 conserved hypotheticals
Rv3230c	19	25	0,005698678 intermediary metabolism and respiration
Rv3566A	4	12	0,006747902 conserved hypotheticals
Rv3145	33	34	0,007665023 intermediary metabolism and respiration
Rv0981	21	26	0,00887793 regulatory proteins

Rv2258c	21	26	0,00887793 regulatory proteins
Rv1309	26	29	0,009167849 intermediary metabolism and respiration
Rv0809	11	18	0,009207914 intermediary metabolism and respiration
Rv1932	25	28	0,0116419 virulence, detoxification, adaptation
Rv2793c	6	13	0,014028953 information pathways
Rv3261	4	11	0,015453196 intermediary metabolism and respiration
Rv1392	30	31	0,016122276 intermediary metabolism and respiration
Rv0716	28	29	0,018883796 information pathways
Rv2052c	8	15	0,019506044 conserved hypotheticals
Rv0512	18	22	0,020473912 intermediary metabolism and respiration
Rv0211	29	30	0,020878301 intermediary metabolism and respiration
Rv0516c	16	21	0,020987415 information pathways
Rv3271c	16	21	0,020987415 cell wall and cell processes
Rv1610	24	26	0,023157422 cell wall and cell processes
Rv1489	9	15	0,02538925 conserved hypotheticals
Rv1436	20	23	0,028210956 intermediary metabolism and respiration
Rv3673c	20	23	0,028210956 intermediary metabolism and respiration
Rv0629c	6	12	0,028599179 information pathways
Rv2394	6	12	0,028599179 intermediary metabolism and respiration
Rv3364c	6	12	0,028599179 conserved hypotheticals
Rv3612c	6	12	0,028599179 conserved hypotheticals
Rv0683	23	25	0,028789283 information pathways
Rv0694	23	25	0,028789283 intermediary metabolism and respiration
Rv1397c	16	20	0,032143395 virulence, detoxification, adaptation
Rv2382c	2	8	0,03222415 lipid metabolism
Rv1462	21	23	0,034289899 conserved hypotheticals
Rv2440c	24	25	0,034950697 intermediary metabolism and respiration
Rv2794c	17	20	0,041089059 lipid metabolism
Rv2792c	13	17	0,045951102 insertion seqs and phages
Rv3402c	0	5	0,04819286 cell wall and cell processes
Rv1331	511	91	4,64914E-14 conserved hypotheticals
Rv0569	278	239	1,86234E-13 conserved hypotheticals
Rv3269	324	36	1,08988E-12 virulence, detoxification, adaptation
Rv3407	1477	237	1,08988E-12 virulence, detoxification, adaptation

Rv3648c	2249	501	1,08988E-12 virulence, detoxification, adaptation
Rv2244	751	49	1,08988E-12 lipid metabolism
Rv1198	433	64	1,08988E-12 cell wall and cell processes
Rv3875	1465	189	1,08988E-12 cell wall and cell processes
Rv2007c	852	150	1,08988E-12 intermediary metabolism and respiration
Rv3503c	350	20	1,08988E-12 intermediary metabolism and respiration
Rv3582c	258	246	1,08988E-12 intermediary metabolism and respiration
Rv3841	2327	292	1,08988E-12 intermediary metabolism and respiration
Rv1738	485	369	1,08988E-12 conserved hypotheticals
Rv1872c	180	173	1,96013E-12 intermediary metabolism and respiration
Rv3130c	161	157	1,40859E-11 lipid metabolism
Rv3478	178	168	1,48911E-11 PE/PPE
Rv4014	211	187	2,5506E-11 NA
Rv1197	273	42	2,35496E-09 cell wall and cell processes
Rv2137c	489	105	5,19248E-09 conserved hypotheticals
Rv1211	356	67	1,09686E-08 conserved hypotheticals
Rv1871c	133	126	1,26602E-08 conserved hypotheticals
Rv3865	147	15	6,87089E-08 cell wall and cell processes
Rv3874	688	176	1,34615E-07 cell wall and cell processes
Rv2245	261	46	3,6155E-07 lipid metabolism
Rv1884c	129	13	5,08758E-07 cell wall and cell processes
Rv0288	287	55	1,05293E-06 cell wall and cell processes
Rv1233c	127	14	3,44657E-06 cell wall and cell processes
Rv3616c	223	165	3,78981E-06 cell wall and cell processes
Rv3597c	252	47	3,83287E-06 information pathways
Rv3804c	130	111	4,09407E-06 lipid metabolism
Rv2791c	183	29	6,48196E-06 insertion seqs and phages
Rv1156	212	37	6,50928E-06 conserved hypotheticals
Rv2986c	140	18	6,76359E-06 information pathways
Rv0608	95	8	7,10526E-06 virulence, detoxification, adaptation
Rv0723	220	40	1,10258E-05 information pathways
Rv3246c	164	25	1,37845E-05 regulatory proteins
Rv2576c	103	11	2,89396E-05 cell wall and cell processes
Rv0991c	63	3	3,02077E-05 conserved hypotheticals

Rv0175	93	84	3,02367E-05 cell wall and cell processes
Rv3389c	104	12	6,07691E-05 intermediary metabolism and respiration
Rv0350	91	9	7,50177E-05 virulence, detoxification, adaptation
Rv1950c	53	2	0,000104087 conserved hypotheticals
Rv1274	233	48	0,000108672 cell wall and cell processes
Rv3854c	67	5	0,000188916 intermediary metabolism and respiration
Rv0996	94	11	0,000238854 cell wall and cell processes
Rv3052c	93	79	0,000251217 information pathways
Rv3208A	166	30	0,00031171 conserved hypotheticals
Rv0710	239	52	0,00037835 information pathways
Rv2623	83	72	0,000395754 virulence, detoxification, adaptation
Rv0286	143	25	0,000597182 PE/PPE
Rv3250c	63	59	0,000639154 intermediary metabolism and respiration
Rv0951	71	7	0,000750553 intermediary metabolism and respiration
Rv0500B	132	22	0,000760917 conserved hypotheticals
Rv2641	52	3	0,000812025 conserved hypotheticals
Rv0353	66	6	0,000980977 virulence, detoxification, adaptation
Rv4011	94	13	0,00118896 NA
Rv0379	90	12	0,001200424 cell wall and cell processes
Rv4012	83	10	0,001229973 NA
Rv0129c	77	9	0,001613314 lipid metabolism
Rv2584c	46	46	0,001751048 intermediary metabolism and respiration
Rv1883c	139	26	0,001967182 conserved hypotheticals
Rv0430	84	11	0,002260991 conserved hypotheticals
Rv2928	47	3	0,002484955 lipid metabolism
Rv0274	41	2	0,00275143 conserved hypotheticals
Rv0599c	62	6	0,002805026 virulence, detoxification, adaptation
Rv3429	42	2	0,002848023 PE/PPE
Rv3029c	141	27	0,002939717 intermediary metabolism and respiration
Rv0634A	218	51	0,003270314 conserved hypotheticals
Rv1065	43	42	0,003825961 conserved hypotheticals
Rv2031c	454	257	0,003996227 virulence, detoxification, adaptation
Rv3123	34	1	0,003999773 conserved hypotheticals
Rv3075c	80	11	0,004009131 conserved hypotheticals

Rv0055	81	11	0,004113124 information pathways
Rv2927c	158	33	0,004121858 conserved hypotheticals
Rv0810c	130	25	0,005904039 conserved hypotheticals
Rv2830c	89	14	0,00648382 virulence, detoxification, adaptation
Rv3456c	80	63	0,006771499 information pathways
Rv0660c	152	32	0,007513567 virulence, detoxification, adaptation
Rv0572c	37	2	0,008935106 conserved hypotheticals
Rv0863	75	11	0,010174754 conserved hypotheticals
Rv0961	90	15	0,010718125 cell wall and cell processes
Rv2606c	59	7	0,010803196 intermediary metabolism and respiration
Rv2959c	41	3	0,01109066 intermediary metabolism and respiration
Rv1159A	64	8	0,011106177 conserved hypotheticals
Rv2356c	45	4	0,012917201 PE/PPE
Rv3418c	103	19	0,013170322 virulence, detoxification, adaptation
Rv2477c	74	11	0,013571721 cell wall and cell processes
Rv3615c	330	190	0,014104984 cell wall and cell processes
Rv2376c	32	32	0,014889522 cell wall and cell processes
Rv0443	178	42	0,0168436 conserved hypotheticals
Rv0500A	92	16	0,017263613 conserved hypotheticals
Rv3583c	841	430	0,017748709 regulatory proteins
Rv3197	45	40	0,019499787 cell wall and cell processes
Rv1846c	62	50	0,021083181 regulatory proteins
Rv3219	436	239	0,021089515 regulatory proteins
Rv3581c	72	55	0,022516565 intermediary metabolism and respiration
Rv3477	348	196	0,023914995 PE/PPE
Rv1107c	44	39	0,024792518 information pathways
Rv3905c	44	39	0,024792518 cell wall and cell processes
Rv2430c	59	8	0,027431851 PE/PPE
Rv1993c	32	2	0,027982743 conserved hypotheticals
Rv2185c	106	21	0,028197886 conserved hypotheticals
Rv2338c	33	2	0,028467376 intermediary metabolism and respiration
Rv1312	35	33	0,028617767 cell wall and cell processes
Rv3489	91	17	0,032201 conserved hypotheticals
Rv2626c	116	25	0,036849616 conserved hypotheticals

Rv0287	314	91	0,040983091 cell wall and cell processes
Rv0709	372	112	0,04320245 information pathways
Rv0220	29	28	0,043986188 intermediary metabolism and respiration
Rv1926c	35	3	0,045988903 cell wall and cell processes
Rv2115c	40	35	0,046134125 cell wall and cell processes
Rv1094	201	120	0,047052088 lipid metabolism
Rv3807c	37	33	0,048717939 cell wall and cell processes
Rv3010c	71	12	0,050616957 intermediary metabolism and respiration
Rv2837c	22	23	0,058504381 conserved hypotheticals
Rv1498A	29	2	0,058721983 conserved hypotheticals
Rv2816c	29	2	0,058721983 conserved hypotheticals
Rv2985	6	11	0,058304769 information pathways
Rv4004	30	2	0,059658809 NA
Rv0757	73	13	0,060203695 regulatory proteins
Rv1055	58	9	0,061768228 insertion seqs and phages
Rv3262	5	10	0,065442756 intermediary metabolism and respiration
Rv3769	54	8	0,06535549 conserved hypotheticals
Rv2625c	33	3	0,066321675 cell wall and cell processes
Rv1736c	33	3	0,066321675 intermediary metabolism and respiration
Rv2865	24	1	0,067697843 virulence, detoxification, adaptation
Rv2243	24	1	0,067697843 lipid metabolism
Rv3136	50	7	0,067467795 PE/PPE
Rv3207c	23	23	0,067900131 conserved hypotheticals
Rv1815	38	4	0,069194894 conserved hypotheticals
Rv3435c	46	6	0,06911532 cell wall and cell processes
Rv0577	46	6	0,06911532 conserved hypotheticals
Rv3826	4	9	0,069833494 lipid metabolism
Rv2045c	4	9	0,069833494 intermediary metabolism and respiration
Rv0954	105	23	0,069336263 cell wall and cell processes
Rv1603	7	12	0,072639008 intermediary metabolism and respiration
Rv2094c	120	77	0,073154719 cell wall and cell processes
Rv1461	24	24	0,07292522 conserved hypotheticals
Rv0114	3	8	0,073416337 cell wall and cell processes
Rv0632c	61	10	0,07394232 lipid metabolism

Rv1337	61	10	0,07394232 cell wall and cell processes
Rv0252	2	7	0,073426729 intermediary metabolism and respiration
Rv3140	56	9	0,079321382 lipid metabolism
Rv2348c	81	56	0,089686454 unknown
Rv2825c	37	31	0,093746383 conserved hypotheticals
Rv0827c	40	5	0,095960115 regulatory proteins
Rv1122	12	15	0,095783612 intermediary metabolism and respiration
Rv0640	93	20	0,096846947 information pathways
Rv0545c	30	27	0,096799291 cell wall and cell processes
Rv1245c	22	1	0,09650988 intermediary metabolism and respiration
Rv2442c	144	36	0,097113243 information pathways
Rv0236A	37	4	0,097028157 cell wall and cell processes
Rv1842c	8	12	0,09731203 cell wall and cell processes
Rv2259	8	12	0,09731203 intermediary metabolism and respiration
Rv2453c	8	12	0,09731203 intermediary metabolism and respiration
Rv3862c	17	0	0,098442537 regulatory proteins
Rv3127	62	45	0,101892711 conserved hypotheticals
Rv2763c	15	17	0,102750299 intermediary metabolism and respiration
Rv3045	31	27	0,106664124 intermediary metabolism and respiration
Rv2457c	75	52	0,110513688 intermediary metabolism and respiration
Rv0708	159	42	0,119772339 information pathways
Rv2193	92	20	0,119858288 intermediary metabolism and respiration
Rv0468	11	14	0,121790272 lipid metabolism
Rv0042c	11	14	0,121790272 regulatory proteins
Rv0290	41	33	0,121187886 cell wall and cell processes
Rv2352c	66	47	0,121812184 PE/PPE
Rv0352	68	13	0,123114777 virulence, detoxification, adaptation
Rv2628	22	21	0,125908352 conserved hypotheticals
Rv0434	5	9	0,126266161 conserved hypotheticals
Rv2919c	56	41	0,126136462 regulatory proteins
Rv2472	0	4	0,129960509 conserved hypotheticals
Rv1324	38	31	0,131831444 intermediary metabolism and respiration
Rv0543c	30	26	0,133260886 conserved hypotheticals
Rv0490	64	12	0,134714634 regulatory proteins

Rv3251c	23	22	0,134455986 intermediary metabolism and respiration
Rv0351	54	9	0,135912651 virulence, detoxification, adaptation
Rv0338c	54	9	0,135912651 intermediary metabolism and respiration
Rv0684	75	51	0,137414524 information pathways
Rv2840c	95	62	0,139719593 conserved hypotheticals
Rv2668	4	8	0,140770588 cell wall and cell processes
Rv0118c	4	8	0,140770588 intermediary metabolism and respiration
Rv3383c	12	14	0,154322087 lipid metabolism
Rv1859	3	7	0,157368201 cell wall and cell processes
Rv1907c	3	7	0,157368201 conserved hypotheticals
Rv2304c	3	7	0,157368201 conserved hypotheticals
Rv1857	10	13	0,156986026 cell wall and cell processes
Rv1987	46	7	0,156986026 cell wall and cell processes
Rv0526	18	18	0,159994645 intermediary metabolism and respiration
Rv3161c	6	10	0,161386702 intermediary metabolism and respiration
Rv1620c	1	5	0,162543007 intermediary metabolism and respiration
Rv3008	25	2	0,162543007 conserved hypotheticals
Rv3223c	42	6	0,165830325 information pathways
Rv3723	42	6	0,165830325 cell wall and cell processes
Rv1612	29	25	0,164920258 intermediary metabolism and respiration
Rv2009	29	3	0,171717428 virulence, detoxification, adaptation
Rv2574	29	3	0,171717428 conserved hypotheticals
Rv2347c	88	20	0,176951182 cell wall and cell processes
Rv1185c	11	13	0,194057962 lipid metabolism
Rv0039c	11	13	0,194057962 cell wall and cell processes
Rv1006	11	13	0,194057962 conserved hypotheticals
Rv1466	20	19	0,199566498 conserved hypotheticals
Rv2288	14	15	0,204391447 conserved hypotheticals
Rv1631	17	17	0,204682508 intermediary metabolism and respiration
Rv0459	17	17	0,204682508 conserved hypotheticals
Rv0043c	7	10	0,211741059 regulatory proteins
Rv0652	32	26	0,21139118 information pathways
Rv1036c	20	1	0,212730588 insertion seqs and phages
Rv1893	20	1	0,212730588 conserved hypotheticals

Rv2624c	13	0	0,216756554 virulence, detoxification, adaptation
Rv2588c	25	22	0,23007227 cell wall and cell processes
Rv1301	25	22	0,23007227 conserved hypotheticals
Rv0188	36	5	0,231690122 cell wall and cell processes
Rv0412c	23	2	0,231287052 cell wall and cell processes
Rv3675	23	2	0,231287052 cell wall and cell processes
Rv2166c	23	2	0,231287052 conserved hypotheticals
Rv1103c	24	2	0,235464217 virulence, detoxification, adaptation
Rv0581	31	4	0,238625105 virulence, detoxification, adaptation
Rv0506	31	4	0,238625105 cell wall and cell processes
Rv2909c	28	3	0,241784776 information pathways
Rv3898c	28	3	0,241784776 conserved hypotheticals
Rv0056	76	17	0,246082967 information pathways
Rv3252c	10	12	0,245648047 lipid metabolism
Rv3703c	10	12	0,245648047 conserved hypotheticals
Rv0968	61	42	0,244785882 conserved hypotheticals
Rv1591	13	14	0,261356188 cell wall and cell processes
Rv3248c	31	25	0,261316257 intermediary metabolism and respiration
Rv1489A	23	20	0,267631545 conserved hypotheticals
Rv0276	66	14	0,277078372 conserved hypotheticals
Rv2708c	73	16	0,277854783 conserved hypotheticals
Rv0659c	137	37	0,278626705 virulence, detoxification, adaptation
Rv1394c	4	7	0,278537579 intermediary metabolism and respiration
Rv3293	4	7	0,278537579 intermediary metabolism and respiration
Rv2049c	4	7	0,278537579 conserved hypotheticals
Rv2331	4	7	0,278537579 conserved hypotheticals
Rv2134c	42	31	0,2829849 conserved hypotheticals
Rv1891	38	6	0,282884659 conserved hypotheticals
Rv1161	28	23	0,282784986 intermediary metabolism and respiration
Rv1095	59	40	0,283525537 intermediary metabolism and respiration
Rv3237c	8	10	0,282866423 conserved hypotheticals
Rv2633c	39	6	0,287081517 conserved hypotheticals
Rv0469	55	11	0,298072605 lipid metabolism
Rv3917c	34	5	0,300976257 cell wall and cell processes

Rv0040c	35	5	0,310073482 cell wall and cell processes
Rv3188	35	5	0,310073482 conserved hypotheticals
Rv2748c	45	8	0,31411928 cell wall and cell processes
Rv0554	3	6	0,315988564 virulence, detoxification, adaptation
Rv3523	3	6	0,315988564 lipid metabolism
Rv2388c	3	6	0,315988564 intermediary metabolism and respiration
Rv3572	3	6	0,315988564 conserved hypotheticals
Rv1894c	22	2	0,316731148 conserved hypotheticals
Rv1741	12	0	0,318432861 virulence, detoxification, adaptation
Rv0990c	12	0	0,318432861 conserved hypotheticals
Rv3321c	26	3	0,319929051 virulence, detoxification, adaptation
Rv2936	26	3	0,319929051 cell wall and cell processes
Rv3200c	26	3	0,319929051 cell wall and cell processes
Rv2694c	51	10	0,324273925 conserved hypotheticals
Rv1843c	22	19	0,327389008 intermediary metabolism and respiration
Rv2297	22	19	0,327389008 conserved hypotheticals
Rv0700	101	61	0,327888747 information pathways
Rv1308	40	29	0,327675479 intermediary metabolism and respiration
Rv3921c	64	14	0,330354271 cell wall and cell processes
Rv0936	15	15	0,33000455 cell wall and cell processes
Rv2124c	12	13	0,330571662 intermediary metabolism and respiration
Rv1297	52	36	0,332309105 information pathways
Rv0850	0	3	0,332347087 insertion seqs and phages
Rv2950c	41	30	0,335756702 lipid metabolism
Rv2696c	87	21	0,335785483 conserved hypotheticals
Rv1133c	95	58	0,337749271 intermediary metabolism and respiration
Rv0511	47	33	0,341632987 intermediary metabolism and respiration
Rv0624	2	5	0,341389637 virulence, detoxification, adaptation
Rv1786	2	5	0,341389637 intermediary metabolism and respiration
Rv3705c	2	5	0,341389637 conserved hypotheticals
Rv2184c	19	17	0,34155856 conserved hypotheticals
Rv2403c	5	8	0,342461128 cell wall and cell processes
Rv1558	5	8	0,342461128 conserved hypotheticals
Rv0636	104	27	0,342735918 intermediary metabolism and respiration

Rv3870	47	9	0,347536336 cell wall and cell processes
Rv0670	36	6	0,356587411 information pathways
Rv1749c	36	6	0,356587411 cell wall and cell processes
Rv2945c	37	6	0,356587411 cell wall and cell processes
Rv0078A	36	6	0,356587411 conserved hypotheticals
Rv1639c	16	15	0,356862261 cell wall and cell processes
Rv2041c	1	4	0,357209474 cell wall and cell processes
Rv2669	1	4	0,357209474 intermediary metabolism and respiration
Rv0498	1	4	0,357209474 conserved hypotheticals
Rv2374c	60	13	0,354913433 virulence, detoxification, adaptation
Rv3274c	60	13	0,354913433 lipid metabolism
Rv3592	61	40	0,353401683 intermediary metabolism and respiration
Rv3236c	10	11	0,36035763 cell wall and cell processes
Rv2954c	10	11	0,36035763 conserved hypotheticals
Rv0605	44	31	0,37148914 insertion seqs and phages
Rv0615	32	5	0,377135392 cell wall and cell processes
Rv2144c	192	58	0,377182298 cell wall and cell processes
Rv1127c	33	5	0,376624829 intermediary metabolism and respiration
Rv2005c	39	28	0,381373625 virulence, detoxification, adaptation
Rv2309c	16	1	0,391269806 insertion seqs and phages
Rv3528c	16	1	0,391269806 conserved hypotheticals
Rv0171	56	12	0,39500372 virulence, detoxification, adaptation
Rv2530A	57	12	0,400139952 virulence, detoxification, adaptation
Rv3891c	17	1	0,408824087 cell wall and cell processes
Rv0703	252	80	0,411645324 information pathways
Rv0053	24	3	0,417415981 information pathways
Rv1528c	20	2	0,418784439 lipid metabolism
Rv0686	20	2	0,418784439 cell wall and cell processes
Rv1216c	20	2	0,418784439 cell wall and cell processes
Rv4007	20	2	0,418784439 NA
Rv0455c	72	17	0,417166619 conserved hypotheticals
Rv0704	114	31	0,416533255 information pathways
Rv3524	25	3	0,416835388 cell wall and cell processes
Rv3859c	18	16	0,422718075 intermediary metabolism and respiration

Rv0116c	21	2	0,422308197 cell wall and cell processes
Rv3642c	66	15	0,43150729 conserved hypotheticals
Rv2147c	45	9	0,430847879 conserved hypotheticals
Rv0363c	52	11	0,435952 intermediary metabolism and respiration
Rv1797	62	40	0,440342784 cell wall and cell processes
Rv0755A	15	14	0,448841574 insertion seqs and phages
Rv1295	15	14	0,448841574 intermediary metabolism and respiration
Rv0985c	10	0	0,456704009 cell wall and cell processes
Rv1801	10	0	0,456704009 PE/PPE
Rv1670	10	0	0,456704009 conserved hypotheticals
Rv2466c	10	0	0,456704009 conserved hypotheticals
Rv1611	38	27	0,457170502 intermediary metabolism and respiration
Rv1613	38	27	0,457170502 intermediary metabolism and respiration
Rv2461c	38	27	0,457170502 intermediary metabolism and respiration
Rv0814c	9	10	0,45529619 intermediary metabolism and respiration
Rv2028c	11	0	0,459870181 virulence, detoxification, adaptation
Rv3855	11	0	0,459870181 regulatory proteins
Rv3054c	11	0	0,459870181 conserved hypotheticals
Rv0720	92	24	0,458217169 information pathways
Rv1677	19	16	0,458744843 cell wall and cell processes
Rv3408	127	72	0,473677763 virulence, detoxification, adaptation
Rv1799	48	10	0,479587009 cell wall and cell processes
Rv0685	99	58	0,482932249 information pathways
Rv0341	150	83	0,482932249 cell wall and cell processes
Rv0979A	29	22	0,486941951 information pathways
Rv3800c	46	31	0,491344735 lipid metabolism
Rv2053c	16	14	0,496821678 cell wall and cell processes
Rv1322A	75	46	0,497036784 conserved hypotheticals
Rv2941	61	39	0,516631429 lipid metabolism
Rv1073	30	22	0,520604561 conserved hypotheticals
Rv2178c	37	7	0,521741838 intermediary metabolism and respiration
Rv0364	13	12	0,530770262 cell wall and cell processes
Rv2246	72	18	0,534254902 lipid metabolism
Rv3677c	17	15	0,537078217 intermediary metabolism and respiration

Rv0143c	5	7	0,53967436 cell wall and cell processes
Rv3041c	7	8	0,541294199 cell wall and cell processes
Rv3382c	7	8	0,541294199 cell wall and cell processes
Rv2978c	7	8	0,541294199 insertion seqs and phages
Rv2533c	10	10	0,546644602 information pathways
Rv1275	49	32	0,546644602 cell wall and cell processes
Rv1616	10	10	0,546644602 cell wall and cell processes
Rv1711	10	10	0,546644602 conserved hypotheticals
Rv2431c	23	3	0,543989339 PE/PPE
Rv3681c	23	3	0,543989339 regulatory proteins
Rv3768	15	1	0,543362293 conserved hypotheticals
Rv0705	131	38	0,54315572 information pathways
Rv1130	19	2	0,560440888 intermediary metabolism and respiration
Rv3243c	19	2	0,560440888 conserved hypotheticals
Rv1795	32	23	0,559436968 cell wall and cell processes
Rv3233c	3	5	0,560447269 lipid metabolism
Rv0764c	3	5	0,560447269 intermediary metabolism and respiration
Rv2899c	3	5	0,560447269 intermediary metabolism and respiration
Rv3013	3	5	0,560447269 conserved hypotheticals
Rv3282	3	5	0,560447269 conserved hypotheticals
Rv3771c	3	5	0,560447269 conserved hypotheticals
Rv0060	33	6	0,559329212 conserved hypotheticals
Rv2753c	60	14	0,562171304 intermediary metabolism and respiration
Rv2682c	18	15	0,562340413 intermediary metabolism and respiration
Rv3118	18	15	0,562340413 intermediary metabolism and respiration
Rv2923c	27	20	0,560739794 conserved hypotheticals
Rv3412	38	26	0,559995277 conserved hypotheticals
Rv0080	45	30	0,572857008 conserved hypotheticals
Rv0672	11	11	0,581715092 lipid metabolism
Rv1464	8	9	0,580730122 intermediary metabolism and respiration
Rv3704c	8	9	0,580730122 intermediary metabolism and respiration
Rv2240c	8	9	0,580730122 conserved hypotheticals
Rv3072c	8	9	0,580730122 conserved hypotheticals
Rv0903c	46	10	0,576529271 regulatory proteins

Rv3872	77	20	0,583571192 PE/PPE
Rv0108c	53	34	0,589785685 conserved hypotheticals
Rv2162c	62	15	0,600859396 PE/PPE
Rv3867	15	13	0,605323092 cell wall and cell processes
Rv3042c	15	13	0,605323092 intermediary metabolism and respiration
Rv0289	191	60	0,60418984 cell wall and cell processes
Rv0701	87	51	0,605653693 information pathways
Rv3220c	24	18	0,622605299 regulatory proteins
Rv0166	12	11	0,651505169 lipid metabolism
Rv1013	12	11	0,651505169 lipid metabolism
Rv0100	2	4	0,649807842 conserved hypotheticals
Rv0323c	2	4	0,649807842 conserved hypotheticals
Rv1116A	2	4	0,649807842 conserved hypotheticals
Rv2762c	2	4	0,649807842 conserved hypotheticals
Rv2687c	9	0	0,645674578 cell wall and cell processes
Rv1221	43	9	0,647031255 information pathways
Rv1533	25	19	0,649061252 conserved hypotheticals
Rv0139	6	7	0,654663359 intermediary metabolism and respiration
Rv1241	25	4	0,658795088 virulence, detoxification, adaptation
Rv2504c	25	4	0,658795088 lipid metabolism
Rv0265c	25	4	0,658795088 cell wall and cell processes
Rv0559c	25	4	0,658795088 cell wall and cell processes
Rv1152	25	4	0,658795088 regulatory proteins
Rv2200c	50	32	0,653870618 intermediary metabolism and respiration
Rv0472c	26	4	0,659578805 regulatory proteins
Rv0724	31	22	0,659072538 cell wall and cell processes
Rv0432	9	9	0,660374856 virulence, detoxification, adaptation
Rv1302	9	9	0,660374856 cell wall and cell processes
Rv3904c	9	9	0,660374856 cell wall and cell processes
Rv3753c	9	9	0,660374856 conserved hypotheticals
Rv3920c	176	93	0,66534579 conserved hypotheticals
Rv1596	51	12	0,687720684 intermediary metabolism and respiration
Rv0308	52	12	0,69083389 cell wall and cell processes
Rv2867c	17	14	0,693278523 intermediary metabolism and respiration

Rv3767c	4	6	0,692810813 lipid metabolism
Rv0254c	4	6	0,692810813 intermediary metabolism and respiration
Rv1684	4	6	0,692810813 conserved hypotheticals
Rv2744c	96	27	0,694584323 conserved hypotheticals
Rv1234	21	3	0,696069531 cell wall and cell processes
Rv0293c	21	3	0,696069531 conserved hypotheticals
Rv3119	45	10	0,698282505 intermediary metabolism and respiration
Rv3678A	78	46	0,698282505 conserved hypotheticals
Rv0668	53	33	0,700478994 information pathways
Rv1557	1	3	0,733523494 cell wall and cell processes
Rv2113	1	3	0,733523494 cell wall and cell processes
Rv1530	1	3	0,733523494 intermediary metabolism and respiration
Rv1032c	1	3	0,733523494 regulatory proteins
Rv3169	1	3	0,733523494 conserved hypotheticals
Rv3860	1	3	0,733523494 conserved hypotheticals
Rv2412	17	2	0,727436618 information pathways
Rv1625c	17	2	0,727436618 intermediary metabolism and respiration
Rv2021c	17	2	0,727436618 regulatory proteins
Rv1540	17	2	0,727436618 conserved hypotheticals
Rv2165c	13	1	0,722850073 conserved hypotheticals
Rv3098c	13	1	0,722850073 conserved hypotheticals
Rv2550c	54	13	0,728868509 virulence, detoxification, adaptation
Rv2829c	18	2	0,738694446 virulence, detoxification, adaptation
Rv1994c	18	2	0,738694446 regulatory proteins
Rv1162	23	17	0,736470778 intermediary metabolism and respiration
Rv3725	18	14	0,738092347 intermediary metabolism and respiration
Rv0730	14	12	0,737744324 intermediary metabolism and respiration
Rv3149	14	12	0,737744324 intermediary metabolism and respiration
Rv1829	14	12	0,737744324 conserved hypotheticals
Rv1424c	14	1	0,744520502 cell wall and cell processes
Rv1892	14	1	0,744520502 cell wall and cell processes
Rv1808	14	1	0,744520502 PE/PPE
Rv1405c	14	1	0,744520502 intermediary metabolism and respiration
Rv3093c	14	1	0,744520502 intermediary metabolism and respiration

Rv1592c	14	1	0,744520502 conserved hypotheticals
Rv0872c	48	11	0,749336418 PE/PPE
Rv0020c	48	11	0,749336418 regulatory proteins
Rv1305	150	47	0,750452226 intermediary metabolism and respiration
Rv2048c	29	20	0,750351887 lipid metabolism
Rv0462	41	9	0,762375246 intermediary metabolism and respiration
Rv2198c	35	7	0,773572759 cell wall and cell processes
Rv3770B	11	10	0,789684982 insertion seqs and phages
Rv3858c	25	18	0,80522021 intermediary metabolism and respiration
Rv1630	52	32	0,807536643 information pathways
Rv0120c	5	6	0,810536649 information pathways
Rv3827c	5	6	0,810536649 insertion seqs and phages
Rv1442	5	6	0,810536649 intermediary metabolism and respiration
Rv3569c	5	6	0,810536649 intermediary metabolism and respiration
Rv3713	5	6	0,810536649 intermediary metabolism and respiration
Rv1167c	5	6	0,810536649 regulatory proteins
Rv0801	5	6	0,810536649 conserved hypotheticals
Rv2219A	15	12	0,801437621 cell wall and cell processes
Rv0384c	24	4	0,821886506 virulence, detoxification, adaptation
Rv2097c	24	4	0,821886506 intermediary metabolism and respiration
Rv2495c	8	8	0,819151973 intermediary metabolism and respiration
Rv0690c	8	8	0,819151973 conserved hypotheticals
Rv2455c	59	15	0,81897665 intermediary metabolism and respiration
Rv4003	67	18	0,818847167 NA
Rv1440	26	18	0,843108348 cell wall and cell processes
Rv1300	26	18	0,843108348 intermediary metabolism and respiration
Rv3526	31	6	0,863795925 intermediary metabolism and respiration
Rv0885	31	6	0,863795925 conserved hypotheticals
Rv2500c	52	13	0,863387479 lipid metabolism
Rv0476	81	23	0,895402027 cell wall and cell processes
Rv1535	86	48	0,899739966 conserved hypotheticals
Rv0505c	20	3	0,903229293 intermediary metabolism and respiration
Rv3007c	20	3	0,903229293 intermediary metabolism and respiration
Rv0871	17	13	0,906016779 virulence, detoxification, adaptation

Rv2229c	17	13	0,906016779 conserved hypotheticals
Rv2327	17	13	0,906016779 conserved hypotheticals
Rv2785c	73	20	0,913884808 information pathways
Rv1388	158	51	0,918967 information pathways
Rv2247	42	26	0,925680865 lipid metabolism
Rv0177	55	14	0,925680865 conserved hypotheticals
Rv2871	7	0	0,93246932 virulence, detoxification, adaptation
Rv2560	7	0	0,93246932 cell wall and cell processes
Rv1572c	7	0	0,93246932 insertion seqs and phages
Rv1169c	7	0	0,93246932 PE/PPE
Rv2034	7	0	0,93246932 regulatory proteins
Rv0311	7	0	0,93246932 conserved hypotheticals
Rv1593c	39	9	0,931417077 conserved hypotheticals
Rv3357	8	0	0,935575082 virulence, detoxification, adaptation
Rv0940c	8	0	0,935575082 intermediary metabolism and respiration
Rv2029c	8	0	0,935575082 intermediary metabolism and respiration
Rv1644	36	23	0,941502447 information pathways
Rv1472	26	5	0,944810098 lipid metabolism
Rv1544	9	8	0,944810098 lipid metabolism
Rv2612c	9	8	0,944810098 lipid metabolism
Rv1009	9	8	0,944810098 cell wall and cell processes
Rv2968c	9	8	0,944810098 cell wall and cell processes
Rv1465	9	8	0,944810098 intermediary metabolism and respiration
Rv0232	26	5	0,944810098 regulatory proteins
Rv1404	26	5	0,944810098 regulatory proteins
Rv1019	33	7	0,939826367 regulatory proteins
Rv0898c	33	7	0,939826367 conserved hypotheticals
Rv0586	27	5	0,942371474 regulatory proteins
Rv1839c	16	2	0,94641216 virulence, detoxification, adaptation
Rv0687	16	2	0,94641216 intermediary metabolism and respiration
Rv0781	16	2	0,94641216 intermediary metabolism and respiration
Rv3502c	16	2	0,94641216 intermediary metabolism and respiration
Rv3132c	16	2	0,94641216 regulatory proteins
Rv0883c	16	2	0,94641216 conserved hypotheticals

Rv3924c	49	12	0,950759746 information pathways
Rv1650	6	6	0,976690506 information pathways
Rv3566c	6	6	0,976690506 intermediary metabolism and respiration
Rv0804	6	6	0,976690506 conserved hypotheticals
Rv0955	14	11	0,975977008 cell wall and cell processes
Rv2172c	14	11	0,975977008 conserved hypotheticals
Rv2933	12	1	0,978356672 lipid metabolism
Rv0048c	12	1	0,978356672 cell wall and cell processes
Rv1446c	12	1	0,978356672 intermediary metabolism and respiration
Rv1417	10	9	0,983059375 cell wall and cell processes
Rv3570c	10	9	0,983059375 intermediary metabolism and respiration
Rv1321	10	9	0,983059375 conserved hypotheticals
Rv1887	31	20	0,983059375 conserved hypotheticals
Rv0831c	35	8	1,027724224 conserved hypotheticals
Rv1876	22	4	1,035347597 intermediary metabolism and respiration
Rv2470	22	4	1,035347597 intermediary metabolism and respiration
Rv0495c	22	4	1,035347597 conserved hypotheticals
Rv3627c	22	4	1,035347597 conserved hypotheticals
Rv2289	4	5	1,034309707 lipid metabolism
Rv0435c	4	5	1,034309707 cell wall and cell processes
Rv2456c	4	5	1,034309707 cell wall and cell processes
Rv3479	4	5	1,034309707 cell wall and cell processes
Rv2591	4	5	1,034309707 PE/PPE
Rv0422c	4	5	1,034309707 intermediary metabolism and respiration
Rv3702c	4	5	1,034309707 conserved hypotheticals
Rv2194	82	24	1,026293598 intermediary metabolism and respiration
Rv0525	20	14	1,026293598 conserved hypotheticals
Rv2507	23	4	1,031455927 cell wall and cell processes
Rv1168c	23	4	1,031455927 PE/PPE
Rv3824c	7	7	1,031332727 lipid metabolism
Rv3914	7	7	1,031332727 intermediary metabolism and respiration
Rv2358	29	6	1,031332727 regulatory proteins
Rv3249c	7	7	1,031332727 regulatory proteins
Rv1232c	29	6	1,031332727 conserved hypotheticals

Rv2752c	7	7	1,031332727 conserved hypotheticals
Rv3284	7	7	1,031332727 conserved hypotheticals
Rv3148	27	18	1,041305547 intermediary metabolism and respiration
Rv0281	45	11	1,047904491 lipid metabolism
Rv0611c	21	15	1,047819133 conserved hypotheticals
Rv2136c	11	9	1,053649254 cell wall and cell processes
Rv2799	11	9	1,053649254 cell wall and cell processes
Rv2130c	11	9	1,053649254 intermediary metabolism and respiration
Rv0074	11	9	1,053649254 conserved hypotheticals
Rv3409c	16	12	1,067241543 lipid metabolism
Rv0642c	38	9	1,095751407 lipid metabolism
Rv2594c	38	9	1,095751407 information pathways
Rv0952	38	9	1,095751407 intermediary metabolism and respiration
Rv0527	22	15	1,096017699 intermediary metabolism and respiration
Rv1223	46	12	1,111184389 intermediary metabolism and respiration
Rv0313	144	47	1,113921471 conserved hypotheticals
Rv2852c	18	3	1,12392511 intermediary metabolism and respiration
Rv3137	18	3	1,12392511 intermediary metabolism and respiration
Rv0707	90	27	1,124260615 information pathways
Rv3281	67	19	1,126238304 lipid metabolism
Rv3371	2	3	1,128210219 lipid metabolism
Rv0735	2	3	1,128210219 information pathways
Rv1317c	2	3	1,128210219 information pathways
Rv1642	78	23	1,128210219 information pathways
Rv0774c	2	3	1,128210219 cell wall and cell processes
Rv3070	2	3	1,128210219 cell wall and cell processes
Rv3431c	2	3	1,128210219 insertion seqs and phages
Rv0373c	2	3	1,128210219 intermediary metabolism and respiration
Rv2499c	2	3	1,128210219 intermediary metabolism and respiration
Rv3315c	2	3	1,128210219 intermediary metabolism and respiration
Rv3752c	2	3	1,128210219 intermediary metabolism and respiration
Rv3762c	2	3	1,128210219 intermediary metabolism and respiration
Rv0679c	2	3	1,128210219 conserved hypotheticals
Rv1179c	2	3	1,128210219 conserved hypotheticals

Rv2955c	2	3	1,128210219 conserved hypotheticals
Rv3361c	2	3	1,128210219 conserved hypotheticals
Rv3676	31	7	1,104579458 regulatory proteins
Rv3604c	19	3	1,112885755 cell wall and cell processes
Rv1017c	19	3	1,112885755 intermediary metabolism and respiration
Rv3410c	19	3	1,112885755 intermediary metabolism and respiration
Rv0857	19	3	1,112885755 conserved hypotheticals
Rv1915	32	7	1,110790652 intermediary metabolism and respiration
Rv1545	30	19	1,118328713 conserved hypotheticals
Rv0969	8	7	1,118148588 cell wall and cell processes
Rv1634	8	7	1,118148588 cell wall and cell processes
Rv3360	8	7	1,118148588 conserved hypotheticals
Rv3734c	18	13	1,154539803 lipid metabolism
Rv1627c	13	10	1,173096067 lipid metabolism
Rv0570	13	10	1,173096067 information pathways
Rv1340	13	10	1,173096067 information pathways
Rv3598c	13	10	1,173096067 information pathways
Rv0346c	13	10	1,173096067 cell wall and cell processes
Rv1155	13	10	1,173096067 intermediary metabolism and respiration
Rv1416	13	10	1,173096067 intermediary metabolism and respiration
Rv2313c	13	10	1,173096067 conserved hypotheticals
Rv0460	32	20	1,174510833 conserved hypotheticals
Rv0170	61	17	1,174943135 virulence, detoxification, adaptation
Rv2103c	5	5	1,177432687 virulence, detoxification, adaptation
Rv3661	5	5	1,177432687 virulence, detoxification, adaptation
Rv3024c	5	5	1,177432687 information pathways
Rv0107c	5	5	1,177432687 cell wall and cell processes
Rv1491c	5	5	1,177432687 cell wall and cell processes
Rv1624c	5	5	1,177432687 cell wall and cell processes
Rv2637	5	5	1,177432687 cell wall and cell processes
Rv1848	5	5	1,177432687 intermediary metabolism and respiration
Rv2855	5	5	1,177432687 intermediary metabolism and respiration
Rv3199c	5	5	1,177432687 intermediary metabolism and respiration
Rv3216	5	5	1,177432687 intermediary metabolism and respiration

Rv1151c	5	5	1,177432687 regulatory proteins
Rv3692	5	5	1,177432687 regulatory proteins
Rv0138	5	5	1,177432687 conserved hypotheticals
Rv2067c	5	5	1,177432687 conserved hypotheticals
Rv3600c	5	5	1,177432687 conserved hypotheticals
Rv3813c	5	5	1,177432687 conserved hypotheticals
Rv1886c	34	8	1,173809743 lipid metabolism
Rv3536c	14	2	1,173809743 intermediary metabolism and respiration
Rv0163	14	2	1,173809743 conserved hypotheticals
Rv0750	14	2	1,173809743 conserved hypotheticals
Rv1196	195	67	1,168157201 PE/PPE
Rv3868	19	13	1,173911559 cell wall and cell processes
Rv1643	61	34	1,182310336 information pathways
Rv3442c	42	11	1,182717694 information pathways
Rv2182c	42	11	1,182717694 conserved hypotheticals
Rv2145c	43	11	1,181542246 cell wall and cell processes
Rv3864	43	11	1,181542246 cell wall and cell processes
Rv3869	43	11	1,181542246 cell wall and cell processes
Rv0761c	26	17	1,183418908 intermediary metabolism and respiration
Rv1080c	63	18	1,183821543 information pathways
Rv1608c	15	2	1,184223108 virulence, detoxification, adaptation
Rv0489	15	2	1,184223108 intermediary metabolism and respiration
Rv3059	15	2	1,184223108 intermediary metabolism and respiration
Rv3155	15	2	1,184223108 intermediary metabolism and respiration
Rv3535c	15	2	1,184223108 intermediary metabolism and respiration
Rv3902c	15	2	1,184223108 conserved hypotheticals
Rv1306	62	35	1,178125165 intermediary metabolism and respiration
Rv2721c	27	6	1,196782105 cell wall and cell processes
Rv2713	43	25	1,207578187 intermediary metabolism and respiration
Rv0157	28	6	1,209894226 intermediary metabolism and respiration
Rv2603c	28	6	1,209894226 conserved hypotheticals
Rv3893c	14	10	1,20996911 PE/PPE
Rv2409c	14	10	1,20996911 conserved hypotheticals
Rv0005	27	17	1,213924021 information pathways

Rv2448c	21	4	1,213924021 information pathways
Rv0847	27	17	1,213924021 cell wall and cell processes
Rv1092c	21	4	1,213924021 intermediary metabolism and respiration
Rv0158	21	4	1,213924021 regulatory proteins
Rv3458c	76	41	1,207336706 information pathways
Rv0855	6	0	1,216040155 lipid metabolism
Rv1920	6	0	1,216040155 cell wall and cell processes
Rv2980	6	0	1,216040155 cell wall and cell processes
Rv3760	6	0	1,216040155 cell wall and cell processes
Rv0156	6	0	1,216040155 intermediary metabolism and respiration
Rv0880	6	0	1,216040155 regulatory proteins
Rv1149	65	36	1,207935476 insertion seqs and phages
Rv2102	36	9	1,221011553 conserved hypotheticals
Rv3499c	10	1	1,223256923 virulence, detoxification, adaptation
Rv3500c	10	1	1,223256923 virulence, detoxification, adaptation
Rv2937	10	1	1,223256923 cell wall and cell processes
Rv3325	10	1	1,223256923 insertion seqs and phages
Rv0799c	10	1	1,223256923 conserved hypotheticals
Rv0941c	10	1	1,223256923 conserved hypotheticals
Rv1728c	10	1	1,223256923 conserved hypotheticals
Rv3457c	36	22	1,219300889 information pathways
Rv2156c	21	14	1,219010914 cell wall and cell processes
Rv2704	15	11	1,221233207 conserved hypotheticals
Rv0813c	10	8	1,223449873 conserved hypotheticals
Rv0787A	93	29	1,228792415 conserved hypotheticals
Rv3285	37	22	1,244755051 lipid metabolism
Rv0239	57	32	1,250681967 virulence, detoxification, adaptation
Rv1982c	11	1	1,252226448 virulence, detoxification, adaptation
Rv1227c	11	1	1,252226448 cell wall and cell processes
Rv1577c	11	1	1,252226448 insertion seqs and phages
Rv2642	11	1	1,252226448 regulatory proteins
Rv0140	11	1	1,252226448 conserved hypotheticals
Rv0965c	11	1	1,252226448 conserved hypotheticals
Rv1539	81	25	1,24902725 cell wall and cell processes

Rv1827	243	86	1,257982022 conserved hypotheticals
Rv0719	143	48	1,260737406 information pathways
Rv3411c	47	13	1,262252055 intermediary metabolism and respiration
Rv0277c	3	4	1,269308458 virulence, detoxification, adaptation
Rv1942c	3	4	1,269308458 virulence, detoxification, adaptation
Rv0099	3	4	1,269308458 lipid metabolism
Rv0115	3	4	1,269308458 cell wall and cell processes
Rv2600	3	4	1,269308458 cell wall and cell processes
Rv0815c	3	4	1,269308458 intermediary metabolism and respiration
Rv1393c	3	4	1,269308458 intermediary metabolism and respiration
Rv1621c	3	4	1,269308458 intermediary metabolism and respiration
Rv3308	3	4	1,269308458 intermediary metabolism and respiration
Rv0691c	3	4	1,269308458 regulatory proteins
Rv3744	3	4	1,269308458 regulatory proteins
Rv0911	3	4	1,269308458 conserved hypotheticals
Rv2023c	3	4	1,269308458 conserved hypotheticals
Rv2205c	3	4	1,269308458 conserved hypotheticals
Rv3810	29	7	1,248795599 cell wall and cell processes
Rv3711c	30	7	1,247875702 information pathways
Rv0141c	30	7	1,247875702 conserved hypotheticals
Rv0176	16	11	1,255697199 cell wall and cell processes
Rv2536	16	11	1,255697199 cell wall and cell processes
Rv0241c	16	11	1,255697199 intermediary metabolism and respiration
Rv3596c	98	51	1,252327913 intermediary metabolism and respiration
Rv1550	1	2	1,256214303 lipid metabolism
Rv0246	1	2	1,256214303 cell wall and cell processes
Rv1910c	1	2	1,256214303 cell wall and cell processes
Rv2473	1	2	1,256214303 cell wall and cell processes
Rv3390	1	2	1,256214303 cell wall and cell processes
Rv1585c	1	2	1,256214303 insertion seqs and phages
Rv0816c	1	2	1,256214303 intermediary metabolism and respiration
Rv3729	1	2	1,256214303 intermediary metabolism and respiration
Rv3160c	1	2	1,256214303 regulatory proteins
Rv1045	1	2	1,256214303 conserved hypotheticals

Rv2365c	1	2	1,256214303 conserved hypotheticals
Rv2562	1	2	1,256214303 conserved hypotheticals
Rv2616	1	2	1,256214303 conserved hypotheticals
Rv2803	1	2	1,256214303 conserved hypotheticals
Rv2215	39	10	1,235842908 intermediary metabolism and respiration
Rv0821c	49	28	1,24144881 cell wall and cell processes
Rv1693	23	15	1,245863258 conserved hypotheticals
Rv0950c	23	5	1,273801663 conserved hypotheticals
Rv2707	23	5	1,273801663 conserved hypotheticals
Rv2929	23	5	1,273801663 conserved hypotheticals
Rv0336	11	8	1,285108639 insertion seqs and phages
Rv2979c	11	8	1,285108639 insertion seqs and phages
Rv1408	11	8	1,285108639 intermediary metabolism and respiration
Rv1508c	17	3	1,284067453 cell wall and cell processes
Rv2163c	17	3	1,284067453 cell wall and cell processes
Rv3619c	17	3	1,284067453 cell wall and cell processes
Rv0082	17	3	1,284067453 intermediary metabolism and respiration
Rv0147	24	5	1,284067453 intermediary metabolism and respiration
Rv1511	17	3	1,284067453 intermediary metabolism and respiration
Rv1816	17	3	1,284067453 regulatory proteins
Rv2788	17	3	1,284067453 regulatory proteins
Rv0025	17	3	1,284067453 conserved hypotheticals
Rv3122	24	5	1,284067453 conserved hypotheticals
Rv3900c	17	3	1,284067453 conserved hypotheticals
Rv3806c	24	15	1,277428405 cell wall and cell processes
Rv2564	7	6	1,28631186 cell wall and cell processes
Rv0948c	7	6	1,28631186 intermediary metabolism and respiration
Rv2537c	7	6	1,28631186 intermediary metabolism and respiration
Rv3518c	7	6	1,28631186 intermediary metabolism and respiration
Rv3684	7	6	1,28631186 intermediary metabolism and respiration
Rv0470A	7	6	1,28631186 conserved hypotheticals
Rv0695	7	6	1,28631186 conserved hypotheticals
Rv0856	7	6	1,28631186 conserved hypotheticals
Rv2369c	7	6	1,28631186 conserved hypotheticals

Rv2414c	7	6	1,28631186 conserved hypotheticals
Rv2426c	7	6	1,28631186 conserved hypotheticals
Rv2551c	7	6	1,28631186 conserved hypotheticals
Rv1488	41	11	1,273723394 cell wall and cell processes
Rv1387	41	11	1,273723394 PE/PPE
Rv2904c	121	40	1,279310984 information pathways
Rv2969c	32	8	1,280679771 cell wall and cell processes
Rv3880c	32	8	1,280679771 cell wall and cell processes
Rv2996c	32	8	1,280679771 intermediary metabolism and respiration
Rv1323	33	20	1,280253531 lipid metabolism
Rv2483c	12	9	1,290632537 lipid metabolism
Rv0431	12	9	1,290632537 cell wall and cell processes
Rv2790c	12	9	1,290632537 cell wall and cell processes
Rv0734	12	9	1,290632537 intermediary metabolism and respiration
Rv2061c	12	9	1,290632537 conserved hypotheticals
Rv2990c	12	9	1,290632537 conserved hypotheticals
Rv0054	33	8	1,28244226 information pathways
Rv3414c	52	15	1,28244226 information pathways
Rv2780	33	8	1,28244226 intermediary metabolism and respiration
Rv0487	33	8	1,28244226 conserved hypotheticals
Rv0058	18	12	1,278901012 information pathways
Rv2158c	18	12	1,278901012 cell wall and cell processes
Rv3520c	18	12	1,278901012 intermediary metabolism and respiration
Rv1077	53	15	1,279598206 intermediary metabolism and respiration
Rv3221A	67	36	1,300355655 information pathways
Rv0513	26	16	1,31109217 cell wall and cell processes
Rv2109c	26	16	1,31109217 intermediary metabolism and respiration
Rv2846c	80	25	1,319223661 cell wall and cell processes
Rv0284	43	12	1,320514381 cell wall and cell processes
Rv4005	25	6	1,345524053 NA
Rv0861c	26	6	1,346231591 information pathways
Rv2740	4	4	1,352442 virulence, detoxification, adaptation
Rv3585	4	4	1,352442 information pathways
Rv0051	4	4	1,352442 cell wall and cell processes

Rv0658c	4	4	1,352442 cell wall and cell processes
Rv3346c	4	4	1,352442 cell wall and cell processes
Rv1054	4	4	1,352442 insertion seqs and phages
Rv1701	4	4	1,352442 insertion seqs and phages
Rv1106c	4	4	1,352442 intermediary metabolism and respiration
Rv1360	4	4	1,352442 intermediary metabolism and respiration
Rv2066	4	4	1,352442 intermediary metabolism and respiration
Rv2471	4	4	1,352442 intermediary metabolism and respiration
Rv2966c	4	4	1,352442 intermediary metabolism and respiration
Rv3034c	4	4	1,352442 intermediary metabolism and respiration
Rv0210	4	4	1,352442 conserved hypotheticals
Rv2716	4	4	1,352442 conserved hypotheticals
Rv2717c	4	4	1,352442 conserved hypotheticals
Rv3030	4	4	1,352442 conserved hypotheticals
Rv2421c	35	9	1,331151145 intermediary metabolism and respiration
Rv1771	13	9	1,331320044 intermediary metabolism and respiration
Rv2335	13	9	1,331320044 intermediary metabolism and respiration
Rv3003c	13	9	1,331320044 intermediary metabolism and respiration
Rv0760c	13	9	1,331320044 conserved hypotheticals
Rv1590	13	9	1,331320044 conserved hypotheticals
Rv2325c	13	9	1,331320044 conserved hypotheticals
Rv2587c	20	13	1,344120996 cell wall and cell processes
Rv2463	20	13	1,344120996 intermediary metabolism and respiration
Rv3151	20	13	1,344120996 intermediary metabolism and respiration
Rv0864	46	13	1,354200216 intermediary metabolism and respiration
Rv2214c	19	4	1,369823707 virulence, detoxification, adaptation
Rv0901	12	2	1,372082024 cell wall and cell processes
Rv0988	12	2	1,372082024 cell wall and cell processes
Rv2520c	12	2	1,372082024 cell wall and cell processes
Rv0834c	12	2	1,372082024 PE/PPE
Rv1001	12	2	1,372082024 intermediary metabolism and respiration
Rv2465c	12	2	1,372082024 intermediary metabolism and respiration
Rv3316	12	2	1,372082024 intermediary metabolism and respiration
Rv1847	12	2	1,372082024 conserved hypotheticals

Rv2248	12	2	1,372082024 conserved hypotheticals
Rv2525c	12	2	1,372082024 conserved hypotheticals
Rv2998	12	2	1,372082024 conserved hypotheticals
Rv3209	12	2	1,372082024 conserved hypotheticals
Rv1566c	13	2	1,355111158 virulence, detoxification, adaptation
Rv2493	13	2	1,355111158 virulence, detoxification, adaptation
Rv1071c	13	2	1,355111158 lipid metabolism
Rv0411c	13	2	1,355111158 cell wall and cell processes
Rv0450c	13	2	1,355111158 cell wall and cell processes
Rv2617c	13	2	1,355111158 cell wall and cell processes
Rv2938	13	2	1,355111158 cell wall and cell processes
Rv3277	13	2	1,355111158 cell wall and cell processes
Rv2271	13	2	1,355111158 conserved hypotheticals
Rv3759c	20	4	1,361046316 virulence, detoxification, adaptation
Rv1070c	20	4	1,361046316 lipid metabolism
Rv1015c	20	4	1,361046316 information pathways
Rv1784	29	17	1,361046316 cell wall and cell processes
Rv1854c	20	4	1,361046316 intermediary metabolism and respiration
Rv3257c	29	17	1,361046316 intermediary metabolism and respiration
Rv3699	20	4	1,361046316 conserved hypotheticals
Rv0390	21	13	1,360408777 conserved hypotheticals
Rv2468c	21	13	1,360408777 conserved hypotheticals
Rv0057	60	18	1,359637956 conserved hypotheticals
Rv3092c	37	10	1,359769792 cell wall and cell processes
Rv2926c	109	55	1,366602914 conserved hypotheticals
Rv0501	30	18	1,37342183 intermediary metabolism and respiration
Rv1177	286	105	1,373024507 intermediary metabolism and respiration
Rv2497c	28	7	1,376225311 intermediary metabolism and respiration
Rv0299	28	7	1,376225311 conserved hypotheticals
Rv2604c	9	7	1,386196894 intermediary metabolism and respiration
Rv3815c	9	7	1,386196894 intermediary metabolism and respiration
Rv3765c	9	7	1,386196894 regulatory proteins
Rv1215c	9	7	1,386196894 conserved hypotheticals
Rv2901c	79	41	1,382012784 conserved hypotheticals

Rv3647c	22	14	1,384671061 conserved hypotheticals
Rv2346c	107	36	1,38834321 cell wall and cell processes
Rv1418	15	10	1,392007811 cell wall and cell processes
Rv2093c	15	10	1,392007811 cell wall and cell processes
Rv2743c	15	10	1,392007811 cell wall and cell processes
Rv1695	15	10	1,392007811 intermediary metabolism and respiration
Rv2977c	15	10	1,392007811 intermediary metabolism and respiration
Rv3049c	15	10	1,392007811 intermediary metabolism and respiration
Rv1209	31	18	1,386006742 conserved hypotheticals
Rv0896	66	35	1,38813102 intermediary metabolism and respiration
Rv3150	23	14	1,415500714 intermediary metabolism and respiration
Rv3273	23	14	1,415500714 intermediary metabolism and respiration
Rv3153	40	11	1,41917233 intermediary metabolism and respiration
Rv1307	33	19	1,443909756 intermediary metabolism and respiration
Rv1487	56	30	1,443449746 cell wall and cell processes
Rv2104c	21	5	1,458566126 virulence, detoxification, adaptation
Rv3048c	21	5	1,458566126 information pathways
Rv0249c	30	8	1,458566126 intermediary metabolism and respiration
Rv1923	21	5	1,458566126 intermediary metabolism and respiration
Rv1332	30	8	1,458566126 regulatory proteins
Rv1520	22	5	1,454706357 intermediary metabolism and respiration
Rv3413c	22	5	1,454706357 conserved hypotheticals
Rv0292	31	8	1,453772004 cell wall and cell processes
Rv3459c	99	33	1,463274044 information pathways
Rv1618	10	7	1,464790754 lipid metabolism
Rv0072	10	7	1,464790754 cell wall and cell processes
Rv0425c	10	7	1,464790754 cell wall and cell processes
Rv1911c	10	7	1,464790754 cell wall and cell processes
Rv2772c	10	7	1,464790754 cell wall and cell processes
Rv0803	10	7	1,464790754 intermediary metabolism and respiration
Rv3710	10	7	1,464790754 intermediary metabolism and respiration
Rv0340	10	7	1,464790754 conserved hypotheticals
Rv0090	0	1	1,455083151 cell wall and cell processes
Rv0420c	0	1	1,455083151 cell wall and cell processes

Rv2273	0	1	1,455083151 cell wall and cell processes
Rv2646	0	1	1,455083151 insertion seqs and phages
Rv3653	0	1	1,455083151 PE/PPE
Rv0132c	0	1	1,455083151 intermediary metabolism and respiration
Rv0770	0	1	1,455083151 intermediary metabolism and respiration
Rv1355c	0	1	1,455083151 intermediary metabolism and respiration
Rv0396	0	1	1,455083151 conserved hypotheticals
Rv0406c	0	1	1,455083151 conserved hypotheticals
Rv0724A	0	1	1,455083151 conserved hypotheticals
Rv0725c	0	1	1,455083151 conserved hypotheticals
Rv0807	0	1	1,455083151 conserved hypotheticals
Rv1137c	0	1	1,455083151 conserved hypotheticals
Rv1203c	0	1	1,455083151 conserved hypotheticals
Rv1414	0	1	1,455083151 conserved hypotheticals
Rv1439c	0	1	1,455083151 conserved hypotheticals
Rv1669	0	1	1,455083151 conserved hypotheticals
Rv2044c	0	1	1,455083151 conserved hypotheticals
Rv2811	0	1	1,455083151 conserved hypotheticals
Rv3218	0	1	1,455083151 conserved hypotheticals
Rv3354	0	1	1,455083151 conserved hypotheticals
Rv3845	0	1	1,455083151 conserved hypotheticals
Rv3295	34	19	1,427775634 regulatory proteins
Rv1793	191	91	1,428314898 cell wall and cell processes
Rv0657c	8	1	1,436563619 virulence, detoxification, adaptation
Rv2527	8	1	1,436563619 virulence, detoxification, adaptation
Rv3501c	8	1	1,436563619 virulence, detoxification, adaptation
Rv3546	8	1	1,436563619 lipid metabolism
Rv0235c	8	1	1,436563619 cell wall and cell processes
Rv1992c	8	1	1,436563619 cell wall and cell processes
Rv2164c	8	1	1,436563619 cell wall and cell processes
Rv2599	8	1	1,436563619 cell wall and cell processes
Rv3102c	8	1	1,436563619 cell wall and cell processes
Rv3184	8	1	1,436563619 insertion seqs and phages
Rv0547c	8	1	1,436563619 intermediary metabolism and respiration

Rv1131	8	1	1,436563619 intermediary metabolism and respiration
Rv2750	8	1	1,436563619 intermediary metabolism and respiration
Rv3341	8	1	1,436563619 intermediary metabolism and respiration
Rv3534c	8	1	1,436563619 intermediary metabolism and respiration
Rv0023	8	1	1,436563619 regulatory proteins
Rv0452	8	1	1,436563619 regulatory proteins
Rv0784	8	1	1,436563619 conserved hypotheticals
Rv2140c	8	1	1,436563619 conserved hypotheticals
Rv2960c	8	1	1,436563619 conserved hypotheticals
Rv3897c	8	1	1,436563619 conserved hypotheticals
Rv4001	161	57	1,410166254 NA
Rv0024	9	1	1,410710476 virulence, detoxification, adaptation
Rv1956	9	1	1,410710476 virulence, detoxification, adaptation
Rv3320c	9	1	1,410710476 virulence, detoxification, adaptation
Rv2934	9	1	1,410710476 lipid metabolism
Rv3761c	9	1	1,410710476 lipid metabolism
Rv0928	9	1	1,410710476 cell wall and cell processes
Rv1239c	9	1	1,410710476 cell wall and cell processes
Rv2864c	9	1	1,410710476 cell wall and cell processes
Rv3779	9	1	1,410710476 cell wall and cell processes
Rv1578c	9	1	1,410710476 insertion seqs and phages
Rv1445c	9	1	1,410710476 intermediary metabolism and respiration
Rv1601	9	1	1,410710476 intermediary metabolism and respiration
Rv2951c	17	11	1,410710476 intermediary metabolism and respiration
Rv3078	9	1	1,410710476 intermediary metabolism and respiration
Rv1509	9	1	1,410710476 unknown
Rv1052	9	1	1,410710476 conserved hypotheticals
Rv2619c	9	1	1,410710476 conserved hypotheticals
Rv3863	9	1	1,410710476 conserved hypotheticals
Rv1078	86	28	1,408735768 conserved hypotheticals
Rv0664	15	3	1,419003555 virulence, detoxification, adaptation
Rv0418	15	3	1,419003555 cell wall and cell processes
Rv0497	15	3	1,419003555 cell wall and cell processes
Rv1433	15	3	1,419003555 cell wall and cell processes

Rv3632	15	3	1,419003555 cell wall and cell processes
Rv2054	15	3	1,419003555 conserved hypotheticals
Rv3422c	15	3	1,419003555 conserved hypotheticals
Rv3719	15	3	1,419003555 conserved hypotheticals
Rv3747	15	3	1,419003555 conserved hypotheticals
Rv0298	133	65	1,42691744 conserved hypotheticals
Rv0609	44	13	1,426972382 virulence, detoxification, adaptation
Rv2783c	44	13	1,426972382 information pathways
Rv0019c	44	13	1,426972382 regulatory proteins
Rv1989c	33	9	1,426972382 conserved hypotheticals
Rv0314c	16	3	1,428563435 cell wall and cell processes
Rv1037c	16	3	1,428563435 cell wall and cell processes
Rv3918c	16	3	1,428563435 cell wall and cell processes
Rv0755c	16	3	1,428563435 PE/PPE
Rv1676	16	3	1,428563435 conserved hypotheticals
Rv3811	16	3	1,428563435 conserved hypotheticals
Rv4010	49	26	1,426151515 NA
Rv1192	18	11	1,425297615 conserved hypotheticals
Rv1925	90	30	1,438975802 lipid metabolism
Rv0146	6	5	1,446731319 lipid metabolism
Rv0673	6	5	1,446731319 lipid metabolism
Rv1696	6	5	1,446731319 information pathways
Rv0970	6	5	1,446731319 cell wall and cell processes
Rv2922c	6	5	1,446731319 cell wall and cell processes
Rv3885c	6	5	1,446731319 cell wall and cell processes
Rv1988	6	5	1,446731319 intermediary metabolism and respiration
Rv2538c	6	5	1,446731319 intermediary metabolism and respiration
Rv0192	6	5	1,446731319 conserved hypotheticals
Rv0421c	6	5	1,446731319 conserved hypotheticals
Rv0433	6	5	1,446731319 conserved hypotheticals
Rv1775	6	5	1,446731319 conserved hypotheticals
Rv2469c	6	5	1,446731319 conserved hypotheticals
Rv2522c	6	5	1,446731319 conserved hypotheticals
Rv3717	6	5	1,446731319 conserved hypotheticals

Rv0626	24	6	1,427575429 virulence, detoxification, adaptation
Rv0167	28	16	1,443724368 virulence, detoxification, adaptation
Rv2903c	28	16	1,443724368 cell wall and cell processes
Rv2077c	19	12	1,443354595 cell wall and cell processes
Rv3849	19	12	1,443354595 regulatory proteins
Rv3460c	66	34	1,444322662 information pathways
Rv2530c	4	0	1,456823181 virulence, detoxification, adaptation
Rv3392c	4	0	1,456823181 lipid metabolism
Rv3560c	4	0	1,456823181 lipid metabolism
Rv0229c	4	0	1,456823181 cell wall and cell processes
Rv3476c	4	0	1,456823181 cell wall and cell processes
Rv2480c	4	0	1,456823181 insertion seqs and phages
Rv2658c	4	0	1,456823181 insertion seqs and phages
Rv1806	4	0	1,456823181 PE/PPE
Rv0989c	4	0	1,456823181 intermediary metabolism and respiration
Rv1011	4	0	1,456823181 intermediary metabolism and respiration
Rv3110	4	0	1,456823181 intermediary metabolism and respiration
Rv0196	4	0	1,456823181 regulatory proteins
Rv1049	4	0	1,456823181 regulatory proteins
Rv1219c	4	0	1,456823181 regulatory proteins
Rv0825c	4	0	1,456823181 conserved hypotheticals
Rv1366	4	0	1,456823181 conserved hypotheticals
Rv1571	4	0	1,456823181 conserved hypotheticals
Rv1835c	4	0	1,456823181 conserved hypotheticals
Rv2078	4	0	1,456823181 conserved hypotheticals
Rv2514c	4	0	1,456823181 conserved hypotheticals
Rv2559c	4	0	1,456823181 conserved hypotheticals
Rv3081	4	0	1,456823181 conserved hypotheticals
Rv3486	4	0	1,456823181 conserved hypotheticals
Rv2610c	12	8	1,431688556 lipid metabolism
Rv1164	12	8	1,431688556 intermediary metabolism and respiration
Rv1559	12	8	1,431688556 intermediary metabolism and respiration
Rv1605	12	8	1,431688556 intermediary metabolism and respiration
Rv3117	12	8	1,431688556 intermediary metabolism and respiration

Rv2295	12	8	1,431688556 conserved hypotheticals
Rv1906c	35	10	1,429372154 conserved hypotheticals
Rv0451c	5	0	1,43332266 cell wall and cell processes
Rv1228	5	0	1,43332266 cell wall and cell processes
Rv1362c	5	0	1,43332266 cell wall and cell processes
Rv2330c	5	0	1,43332266 cell wall and cell processes
Rv2698	5	0	1,43332266 cell wall and cell processes
Rv2108	5	0	1,43332266 PE/PPE
Rv2371	5	0	1,43332266 PE/PPE
Rv3018c	5	0	1,43332266 PE/PPE
Rv0091	5	0	1,43332266 intermediary metabolism and respiration
Rv0802c	5	0	1,43332266 intermediary metabolism and respiration
Rv3668c	5	0	1,43332266 intermediary metabolism and respiration
Rv1985c	5	0	1,43332266 regulatory proteins
Rv0121c	5	0	1,43332266 conserved hypotheticals
Rv2003c	5	0	1,43332266 conserved hypotheticals
Rv4009	5	0	1,43332266 NA
Rv3587c	36	10	1,417323143 cell wall and cell processes
Rv0496	36	10	1,417323143 conserved hypotheticals
Rv1863c	20	12	1,426410345 cell wall and cell processes
Rv1880c	20	12	1,426410345 intermediary metabolism and respiration
Rv3726	20	12	1,426410345 intermediary metabolism and respiration
Rv0997	20	12	1,426410345 conserved hypotheticals
Rv0722	142	50	1,453854296 information pathways
Rv0935	56	29	1,457709185 cell wall and cell processes
Rv2556c	82	27	1,46113259 conserved hypotheticals
Rv2010	26	7	1,464550129 virulence, detoxification, adaptation
Rv1783	26	7	1,464550129 cell wall and cell processes
Rv0227c	27	7	1,468824979 cell wall and cell processes
Rv2444c	31	17	1,470533504 information pathways
Rv3260c	31	17	1,470533504 regulatory proteins
Rv3480c	17	4	1,473096416 lipid metabolism
Rv1289	17	4	1,473096416 conserved hypotheticals
Rv1898	17	4	1,473096416 conserved hypotheticals

Rv0251c	18	4	1,474394723 virulence, detoxification, adaptation
Rv2886c	18	4	1,474394723 insertion seqs and phages
Rv1334	18	4	1,474394723 intermediary metabolism and respiration
Rv1856c	18	4	1,474394723 intermediary metabolism and respiration
Rv1502	18	4	1,474394723 unknown
Rv3099c	18	4	1,474394723 conserved hypotheticals
Rv3141	7	5	1,482424725 lipid metabolism
Rv3204	7	5	1,482424725 information pathways
Rv1463	7	5	1,482424725 cell wall and cell processes
Rv0500	7	5	1,482424725 intermediary metabolism and respiration
Rv2211c	7	5	1,482424725 intermediary metabolism and respiration
Rv2084	7	5	1,482424725 unknown
Rv0906	7	5	1,482424725 conserved hypotheticals
Rv1339	7	5	1,482424725 conserved hypotheticals
Rv2410c	7	5	1,482424725 conserved hypotheticals
Rv3773c	7	5	1,482424725 conserved hypotheticals
Rv2726c	22	13	1,471641646 intermediary metabolism and respiration
Rv0717	174	63	1,472069463 information pathways
Rv1791	68	22	1,472911819 PE/PPE
Rv0634B	14	9	1,492423618 information pathways
Rv2446c	14	9	1,492423618 cell wall and cell processes
Rv2076c	14	9	1,492423618 conserved hypotheticals
Rv3491	14	9	1,492423618 conserved hypotheticals
Rv0860	61	31	1,498192154 lipid metabolism
Rv3579c	54	17	1,497768974 intermediary metabolism and respiration
Rv2302	54	17	1,497768974 conserved hypotheticals
Rv1293	41	12	1,507236969 intermediary metabolism and respiration
Rv3222c	41	12	1,507236969 conserved hypotheticals
Rv2202c	23	13	1,50884921 intermediary metabolism and respiration
Rv2627c	23	13	1,50884921 conserved hypotheticals
Rv2921c	29	8	1,514567303 cell wall and cell processes
Rv1173	63	32	1,514954561 intermediary metabolism and respiration
Rv0101	3	3	1,514109859 lipid metabolism
Rv0675	3	3	1,514109859 lipid metabolism

Rv1346	3	3	1,514109859 lipid metabolism
Rv2679	3	3	1,514109859 lipid metabolism
Rv3328c	3	3	1,514109859 information pathways
Rv0849	3	3	1,514109859 cell wall and cell processes
Rv0875c	3	3	1,514109859 cell wall and cell processes
Rv1282c	3	3	1,514109859 cell wall and cell processes
Rv2856	3	3	1,514109859 cell wall and cell processes
Rv3162c	3	3	1,514109859 cell wall and cell processes
Rv3298c	3	3	1,514109859 cell wall and cell processes
Rv3623	3	3	1,514109859 cell wall and cell processes
Rv2657c	3	3	1,514109859 insertion seqs and phages
Rv0085	3	3	1,514109859 intermediary metabolism and respiration
Rv0223c	3	3	1,514109859 intermediary metabolism and respiration
Rv0536	3	3	1,514109859 intermediary metabolism and respiration
Rv0711	3	3	1,514109859 intermediary metabolism and respiration
Rv1622c	3	3	1,514109859 intermediary metabolism and respiration
Rv1853	3	3	1,514109859 intermediary metabolism and respiration
Rv2848c	3	3	1,514109859 intermediary metabolism and respiration
Rv0348	3	3	1,514109859 regulatory proteins
Rv2989	3	3	1,514109859 regulatory proteins
Rv0552	3	3	1,514109859 conserved hypotheticals
Rv1864c	3	3	1,514109859 conserved hypotheticals
Rv2189c	3	3	1,514109859 conserved hypotheticals
Rv2819c	3	3	1,514109859 conserved hypotheticals
Rv2822c	3	3	1,514109859 conserved hypotheticals
Rv3040c	3	3	1,514109859 conserved hypotheticals
Rv3292	3	3	1,514109859 conserved hypotheticals
Rv0126	11	2	1,478985437 virulence, detoxification, adaptation
Rv0271c	11	2	1,478985437 lipid metabolism
Rv2080	11	2	1,478985437 cell wall and cell processes
Rv2345	11	2	1,478985437 cell wall and cell processes
Rv3620c	11	2	1,478985437 cell wall and cell processes
Rv3878	11	2	1,478985437 cell wall and cell processes
Rv0136	11	2	1,478985437 intermediary metabolism and respiration

Rv0155	11	2	1,478985437 intermediary metabolism and respiration
Rv0407	11	2	1,478985437 intermediary metabolism and respiration
Rv1990A	11	2	1,478985437 intermediary metabolism and respiration
Rv3545c	11	2	1,478985437 intermediary metabolism and respiration
Rv1033c	11	2	1,478985437 regulatory proteins
Rv2621c	11	2	1,478985437 regulatory proteins
Rv1810	11	2	1,478985437 conserved hypotheticals
Rv3748	11	2	1,478985437 conserved hypotheticals
Rv3766	11	2	1,478985437 conserved hypotheticals
Rv2521	48	25	1,465228594 virulence, detoxification, adaptation
Rv3919c	48	25	1,465228594 cell wall and cell processes
Rv1831	72	24	1,468027432 conserved hypotheticals
Rv0714	24	14	1,471989323 information pathways
Rv3890c	56	18	1,473183917 cell wall and cell processes
Rv3687c	15	9	1,487776452 information pathways
Rv3823c	15	9	1,487776452 cell wall and cell processes
Rv1079	15	9	1,487776452 intermediary metabolism and respiration
Rv3025c	15	9	1,487776452 intermediary metabolism and respiration
Rv2953	8	6	1,48344996 lipid metabolism
Rv2836c	8	6	1,48344996 information pathways
Rv0011c	8	6	1,48344996 cell wall and cell processes
Rv2952	8	6	1,48344996 intermediary metabolism and respiration
Rv2257c	8	6	1,48344996 conserved hypotheticals
Rv3672c	8	6	1,48344996 conserved hypotheticals
Rv3683	8	6	1,48344996 conserved hypotheticals
Rv3749c	8	6	1,48344996 conserved hypotheticals
Rv2789c	20	5	1,495569267 lipid metabolism
Rv3144c	20	5	1,495569267 PE/PPE
Rv3608c	20	5	1,495569267 intermediary metabolism and respiration
Rv0466	20	5	1,495569267 conserved hypotheticals
Rv3755c	20	5	1,495569267 conserved hypotheticals
Rv2703	37	20	1,49008854 information pathways
Rv2745c	245	113	1,492028235 regulatory proteins
Rv0994	52	27	1,504059248 intermediary metabolism and respiration

Rv2699c	52	27	1,504059248 conserved hypotheticals
Rv3355c	16	10	1,506357121 cell wall and cell processes
Rv2720	16	10	1,506357121 regulatory proteins
Rv0342	31	9	1,505938594 cell wall and cell processes
Rv3245c	31	9	1,505938594 regulatory proteins
Rv0580c	31	9	1,505938594 conserved hypotheticals
Rv0667	88	43	1,504347935 information pathways
Rv2947c	98	34	1,506262928 lipid metabolism
Rv0702	53	27	1,513572296 information pathways
Rv0006	39	21	1,521640747 information pathways
Rv1595	39	21	1,521640747 intermediary metabolism and respiration
Rv1283c	9	6	1,534278416 cell wall and cell processes
Rv1368	9	6	1,534278416 cell wall and cell processes
Rv3006	9	6	1,534278416 cell wall and cell processes
Rv0208c	9	6	1,534278416 intermediary metabolism and respiration
Rv0409	9	6	1,534278416 intermediary metabolism and respiration
Rv1844c	9	6	1,534278416 intermediary metabolism and respiration
Rv2096c	9	6	1,534278416 intermediary metabolism and respiration
Rv2425c	9	6	1,534278416 conserved hypotheticals
Rv2680	9	6	1,534278416 conserved hypotheticals
Rv2930	17	10	1,532035004 lipid metabolism
Rv0202c	17	10	1,532035004 cell wall and cell processes
Rv3750c	17	10	1,532035004 insertion seqs and phages
Rv3038c	17	10	1,532035004 conserved hypotheticals
Rv0172	33	10	1,556264258 virulence, detoxification, adaptation
Rv3005c	34	10	1,555449462 conserved hypotheticals
Rv1747	22	6	1,570604298 cell wall and cell processes
Rv3238c	22	6	1,570604298 cell wall and cell processes
Rv1837c	22	6	1,570604298 intermediary metabolism and respiration
Rv2043c	22	6	1,570604298 intermediary metabolism and respiration
Rv2314c	22	6	1,570604298 conserved hypotheticals
Rv2676c	22	6	1,570604298 conserved hypotheticals
Rv0491	29	16	1,564162108 regulatory proteins
Rv3443c	23	6	1,569775115 information pathways

Rv1086	23	6	1,569775115 cell wall and cell processes
Rv3645	23	6	1,569775115 cell wall and cell processes
Rv1641	59	30	1,566943031 information pathways
Rv0475	79	39	1,579323135 cell wall and cell processes
Rv1796	19	11	1,595451711 intermediary metabolism and respiration
Rv2291	19	11	1,595451711 intermediary metabolism and respiration
Rv1486c	19	11	1,595451711 conserved hypotheticals
Rv1123c	13	3	1,592196055 virulence, detoxification, adaptation
Rv2581c	13	3	1,592196055 virulence, detoxification, adaptation
Rv2601A	13	3	1,592196055 virulence, detoxification, adaptation
Rv0645c	13	3	1,592196055 lipid metabolism
Rv2931	13	3	1,592196055 lipid metabolism
Rv0413	13	3	1,592196055 information pathways
Rv0937c	13	3	1,592196055 information pathways
Rv2736c	13	3	1,592196055 information pathways
Rv0638	89	31	1,592196055 cell wall and cell processes
Rv3876	13	3	1,592196055 cell wall and cell processes
Rv0829	13	3	1,592196055 insertion seqs and phages
Rv2359	13	3	1,592196055 regulatory proteins
Rv3058c	13	3	1,592196055 regulatory proteins
Rv0268c	13	3	1,592196055 conserved hypotheticals
Rv1100	13	3	1,592196055 conserved hypotheticals
Rv0154c	14	3	1,581340585 lipid metabolism
Rv2357c	14	3	1,581340585 information pathways
Rv2907c	14	3	1,581340585 information pathways
Rv0017c	14	3	1,581340585 cell wall and cell processes
Rv1238	14	3	1,581340585 cell wall and cell processes
Rv1984c	14	3	1,581340585 cell wall and cell processes
Rv3879c	14	3	1,581340585 cell wall and cell processes
Rv1187	14	3	1,581340585 intermediary metabolism and respiration
Rv0238	14	3	1,581340585 regulatory proteins
Rv0966c	14	3	1,581340585 conserved hypotheticals
Rv1444c	14	3	1,581340585 conserved hypotheticals
Rv2033c	14	3	1,581340585 conserved hypotheticals

Rv3758c	4	3	1,57496684 virulence, detoxification, adaptation
Rv0752c	4	3	1,57496684 lipid metabolism
Rv1206	4	3	1,57496684 lipid metabolism
Rv1345	4	3	1,57496684 lipid metabolism
Rv1661	4	3	1,57496684 lipid metabolism
Rv1822	4	3	1,57496684 lipid metabolism
Rv2262c	4	3	1,57496684 lipid metabolism
Rv1165	4	3	1,57496684 information pathways
Rv2069	4	3	1,57496684 information pathways
Rv3198c	4	3	1,57496684 information pathways
Rv1016c	4	3	1,57496684 cell wall and cell processes
Rv1139c	4	3	1,57496684 cell wall and cell processes
Rv1166	4	3	1,57496684 cell wall and cell processes
Rv1456c	4	3	1,57496684 cell wall and cell processes
Rv1824	4	3	1,57496684 cell wall and cell processes
Rv3437	4	3	1,57496684 cell wall and cell processes
Rv0773c	4	3	1,57496684 intermediary metabolism and respiration
Rv1485	4	3	1,57496684 intermediary metabolism and respiration
Rv1654	4	3	1,57496684 intermediary metabolism and respiration
Rv2212	4	3	1,57496684 intermediary metabolism and respiration
Rv2404c	4	3	1,57496684 intermediary metabolism and respiration
Rv0165c	4	3	1,57496684 regulatory proteins
Rv1474c	4	3	1,57496684 regulatory proteins
Rv1931c	4	3	1,57496684 regulatory proteins
Rv0263c	4	3	1,57496684 conserved hypotheticals
Rv0464c	4	3	1,57496684 conserved hypotheticals
Rv0579	4	3	1,57496684 conserved hypotheticals
Rv1003	4	3	1,57496684 conserved hypotheticals
Rv2237	4	3	1,57496684 conserved hypotheticals
Rv2331A	4	3	1,57496684 conserved hypotheticals
Rv2738c	4	3	1,57496684 conserved hypotheticals
Rv2915c	4	3	1,57496684 conserved hypotheticals
Rv3362c	4	3	1,57496684 conserved hypotheticals
Rv3484	4	3	1,57496684 conserved hypotheticals

Rv3896c	4	3	1,57496684 conserved hypotheticals
Rv3780	37	11	1,536816957 conserved hypotheticals
Rv0635	53	17	1,546465894 intermediary metabolism and respiration
Rv0502	32	17	1,557534732 conserved hypotheticals
Rv0463	20	11	1,56787115 cell wall and cell processes
Rv0993	20	11	1,56787115 intermediary metabolism and respiration
Rv2228c	11	7	1,567037834 information pathways
Rv0514	11	7	1,567037834 cell wall and cell processes
Rv2152c	11	7	1,567037834 cell wall and cell processes
Rv1826	11	7	1,567037834 intermediary metabolism and respiration
Rv2771c	11	7	1,567037834 conserved hypotheticals
Rv1109c	39	12	1,577082734 conserved hypotheticals
Rv2256c	97	34	1,577373544 conserved hypotheticals
Rv1195	67	33	1,577308046 PE/PPE
Rv1415	34	18	1,589689878 intermediary metabolism and respiration
Rv0590	7	1	1,600987805 virulence, detoxification, adaptation
Rv1814	7	1	1,600987805 lipid metabolism
Rv1912c	7	1	1,600987805 lipid metabolism
Rv2746c	7	1	1,600987805 lipid metabolism
Rv2593c	7	1	1,600987805 information pathways
Rv0113	7	1	1,600987805 cell wall and cell processes
Rv0179c	7	1	1,600987805 cell wall and cell processes
Rv0633c	7	1	1,600987805 cell wall and cell processes
Rv0838	7	1	1,600987805 cell wall and cell processes
Rv1672c	7	1	1,600987805 cell wall and cell processes
Rv2620c	7	1	1,600987805 cell wall and cell processes
Rv3851	7	1	1,600987805 cell wall and cell processes
Rv2634c	7	1	1,600987805 PE/PPE
Rv1936	7	1	1,600987805 intermediary metabolism and respiration
Rv2231c	7	1	1,600987805 intermediary metabolism and respiration
Rv2349c	7	1	1,600987805 intermediary metabolism and respiration
Rv2747	7	1	1,600987805 intermediary metabolism and respiration
Rv3203	7	1	1,600987805 intermediary metabolism and respiration
Rv0792c	7	1	1,600987805 regulatory proteins

Rv2887	7	1	1,600987805 regulatory proteins
Rv3055	7	1	1,600987805 regulatory proteins
Rv0365c	7	1	1,600987805 conserved hypotheticals
Rv1157c	7	1	1,600987805 conserved hypotheticals
Rv1277	7	1	1,600987805 conserved hypotheticals
Rv1372	7	1	1,600987805 conserved hypotheticals
Rv2035	7	1	1,600987805 conserved hypotheticals
Rv2286c	7	1	1,600987805 conserved hypotheticals
Rv2638	7	1	1,600987805 conserved hypotheticals
Rv3210c	7	1	1,600987805 conserved hypotheticals
Rv3404c	7	1	1,600987805 conserved hypotheticals
Rv2475c	35	18	1,582566433 conserved hypotheticals
Rv3805c	22	12	1,581803509 cell wall and cell processes
Rv1751	22	12	1,581803509 intermediary metabolism and respiration
Rv3607c	22	12	1,581803509 intermediary metabolism and respiration
Rv0073	41	13	1,583684174 cell wall and cell processes
Rv1108c	12	7	1,593322883 information pathways
Rv1638	12	7	1,593322883 information pathways
Rv3721c	12	7	1,593322883 information pathways
Rv2609c	12	7	1,593322883 cell wall and cell processes
Rv0149	12	7	1,593322883 intermediary metabolism and respiration
Rv1229c	12	7	1,593322883 intermediary metabolism and respiration
Rv1475c	12	7	1,593322883 intermediary metabolism and respiration
Rv2454c	12	7	1,593322883 intermediary metabolism and respiration
Rv2678c	12	7	1,593322883 intermediary metabolism and respiration
Rv3624c	12	7	1,593322883 intermediary metabolism and respiration
Rv0759c	12	7	1,593322883 conserved hypotheticals
Rv2554c	12	7	1,593322883 conserved hypotheticals
Rv3395c	12	7	1,593322883 conserved hypotheticals
Rv0233	27	8	1,586516782 information pathways
Rv1240	27	8	1,586516782 intermediary metabolism and respiration
Rv3494c	5	4	1,591180886 virulence, detoxification, adaptation
Rv1662	5	4	1,591180886 lipid metabolism
Rv1458c	5	4	1,591180886 cell wall and cell processes

Rv1619	5	4	1,591180886 cell wall and cell processes
Rv2685	5	4	1,591180886 cell wall and cell processes
Rv3331	5	4	1,591180886 cell wall and cell processes
Rv1763	5	4	1,591180886 insertion seqs and phages
Rv0255c	5	4	1,591180886 intermediary metabolism and respiration
Rv0389	5	4	1,591180886 intermediary metabolism and respiration
Rv0542c	5	4	1,591180886 intermediary metabolism and respiration
Rv0812	5	4	1,591180886 intermediary metabolism and respiration
Rv0819	5	4	1,591180886 intermediary metabolism and respiration
Rv1163	5	4	1,591180886 intermediary metabolism and respiration
Rv1377c	5	4	1,591180886 intermediary metabolism and respiration
Rv2918c	5	4	1,591180886 intermediary metabolism and respiration
Rv3485c	5	4	1,591180886 intermediary metabolism and respiration
Rv3685c	5	4	1,591180886 intermediary metabolism and respiration
Rv1534	5	4	1,591180886 regulatory proteins
Rv2640c	5	4	1,591180886 regulatory proteins
Rv0471c	5	4	1,591180886 conserved hypotheticals
Rv1525	5	4	1,591180886 conserved hypotheticals
Rv2143	5	4	1,591180886 conserved hypotheticals
Rv3312c	5	4	1,591180886 conserved hypotheticals
Rv3365c	5	4	1,591180886 conserved hypotheticals
Rv3603c	5	4	1,591180886 conserved hypotheticals
Rv3822	5	4	1,591180886 conserved hypotheticals
Rv3808c	28	8	1,564722585 cell wall and cell processes
Rv3877	28	8	1,564722585 cell wall and cell processes
Rv1265	28	8	1,564722585 conserved hypotheticals
Rv1113	16	4	1,565571623 virulence, detoxification, adaptation
Rv2935	16	4	1,565571623 lipid metabolism
Rv0518	16	4	1,565571623 cell wall and cell processes
Rv1698	16	4	1,565571623 cell wall and cell processes
Rv2022c	16	4	1,565571623 conserved hypotheticals
Rv2255c	16	4	1,565571623 conserved hypotheticals
Rv0984	98	47	1,560225287 intermediary metabolism and respiration
Rv1298	278	106	1,559840541 information pathways

Rv2925c	82	29	1,565142876 information pathways
Rv3803c	44	14	1,575117949 lipid metabolism
Rv2948c	24	13	1,576060148 lipid metabolism
Rv3633	24	13	1,576060148 conserved hypotheticals
Rv1617	13	8	1,574938316 intermediary metabolism and respiration
Rv3441c	13	8	1,574938316 intermediary metabolism and respiration
Rv1836c	13	8	1,574938316 conserved hypotheticals
Rv0637	29	9	1,606720699 intermediary metabolism and respiration
Rv2368c	29	9	1,606720699 intermediary metabolism and respiration
Rv0909	29	9	1,606720699 conserved hypotheticals
Rv2127	30	9	1,604484641 cell wall and cell processes
Rv3217c	45	15	1,604484641 cell wall and cell processes
Rv3709c	30	9	1,604484641 intermediary metabolism and respiration
Rv0715	46	15	1,601594378 information pathways
Rv0003	14	8	1,612783813 information pathways
Rv0677c	14	8	1,612783813 cell wall and cell processes
Rv2290	14	8	1,612783813 cell wall and cell processes
Rv3828c	14	8	1,612783813 insertion seqs and phages
Rv1599	14	8	1,612783813 intermediary metabolism and respiration
Rv3601c	14	8	1,612783813 intermediary metabolism and respiration
Rv1117	14	8	1,612783813 conserved hypotheticals
Rv2675c	14	8	1,612783813 conserved hypotheticals
Rv0174	66	23	1,607165935 virulence, detoxification, adaptation
Rv0437c	6	4	1,626848803 lipid metabolism
Rv2482c	6	4	1,626848803 lipid metabolism
Rv2502c	6	4	1,626848803 lipid metabolism
Rv0191	6	4	1,626848803 cell wall and cell processes
Rv0403c	6	4	1,626848803 cell wall and cell processes
Rv0531	6	4	1,626848803 cell wall and cell processes
Rv1018c	6	4	1,626848803 cell wall and cell processes
Rv2155c	6	4	1,626848803 cell wall and cell processes
Rv2174	6	4	1,626848803 cell wall and cell processes
Rv2333c	6	4	1,626848803 cell wall and cell processes
Rv0869c	6	4	1,626848803 intermediary metabolism and respiration

Rv2065	6	4	1,626848803 intermediary metabolism and respiration
Rv2447c	6	4	1,626848803 intermediary metabolism and respiration
Rv3247c	6	4	1,626848803 intermediary metabolism and respiration
Rv3255c	6	4	1,626848803 intermediary metabolism and respiration
Rv3305c	6	4	1,626848803 intermediary metabolism and respiration
Rv3525c	6	4	1,626848803 intermediary metabolism and respiration
Rv3461c	121	44	1,609642867 information pathways
Rv2842c	49	16	1,614769645 conserved hypotheticals
Rv0461	18	5	1,624443598 cell wall and cell processes
Rv0934	18	5	1,624443598 cell wall and cell processes
Rv1690	18	5	1,624443598 cell wall and cell processes
Rv0811c	18	5	1,624443598 conserved hypotheticals
Rv3846	19	5	1,628299018 virulence, detoxification, adaptation
Rv1521	19	5	1,628299018 lipid metabolism
Rv3852	19	5	1,628299018 information pathways
Rv3265c	19	5	1,628299018 cell wall and cell processes
Rv0665	1	1	1,625662704 virulence, detoxification, adaptation
Rv1938	1	1	1,625662704 virulence, detoxification, adaptation
Rv1953	1	1	1,625662704 virulence, detoxification, adaptation
Rv1965	1	1	1,625662704 virulence, detoxification, adaptation
Rv2303c	1	1	1,625662704 virulence, detoxification, adaptation
Rv2546	1	1	1,625662704 virulence, detoxification, adaptation
Rv2757c	1	1	1,625662704 virulence, detoxification, adaptation
Rv0035	1	1	1,625662704 lipid metabolism
Rv2188c	1	1	1,625662704 lipid metabolism
Rv2261c	1	1	1,625662704 lipid metabolism
Rv2381c	1	1	1,625662704 lipid metabolism
Rv2383c	1	1	1,625662704 lipid metabolism
Rv3107c	1	1	1,625662704 lipid metabolism
Rv3561	1	1	1,625662704 lipid metabolism
Rv0631c	1	1	1,625662704 information pathways
Rv1160	1	1	1,625662704 information pathways
Rv1189	1	1	1,625662704 information pathways
Rv1537	1	1	1,625662704 information pathways

Rv3297	1	1	1,625662704 information pathways
Rv0218	1	1	1,625662704 cell wall and cell processes
Rv0219	1	1	1,625662704 cell wall and cell processes
Rv0318c	1	1	1,625662704 cell wall and cell processes
Rv0604	1	1	1,625662704 cell wall and cell processes
Rv0806c	1	1	1,625662704 cell wall and cell processes
Rv0879c	1	1	1,625662704 cell wall and cell processes
Rv1008	1	1	1,625662704 cell wall and cell processes
Rv1030	1	1	1,625662704 cell wall and cell processes
Rv1031	1	1	1,625662704 cell wall and cell processes
Rv1183	1	1	1,625662704 cell wall and cell processes
Rv1258c	1	1	1,625662704 cell wall and cell processes
Rv1269c	1	1	1,625662704 cell wall and cell processes
Rv1273c	1	1	1,625662704 cell wall and cell processes
Rv1348	1	1	1,625662704 cell wall and cell processes
Rv1349	1	1	1,625662704 cell wall and cell processes
Rv1567c	1	1	1,625662704 cell wall and cell processes
Rv1739c	1	1	1,625662704 cell wall and cell processes
Rv1972	1	1	1,625662704 cell wall and cell processes
Rv2039c	1	1	1,625662704 cell wall and cell processes
Rv2317	1	1	1,625662704 cell wall and cell processes
Rv2318	1	1	1,625662704 cell wall and cell processes
Rv2341	1	1	1,625662704 cell wall and cell processes
Rv2401A	1	1	1,625662704 cell wall and cell processes
Rv2834c	1	1	1,625662704 cell wall and cell processes
Rv3163c	1	1	1,625662704 cell wall and cell processes
Rv3578	1	1	1,625662704 cell wall and cell processes
Rv3641c	1	1	1,625662704 cell wall and cell processes
Rv3657c	1	1	1,625662704 cell wall and cell processes
Rv3743c	1	1	1,625662704 cell wall and cell processes
Rv3901c	1	1	1,625662704 cell wall and cell processes
Rv2177c	1	1	1,625662704 insertion seqs and phages
Rv2424c	1	1	1,625662704 insertion seqs and phages
Rv2943A	1	1	1,625662704 insertion seqs and phages

Rv2944	1	1	1,625662704 insertion seqs and phages
Rv3770A	1	1	1,625662704 insertion seqs and phages
Rv3844	1	1	1,625662704 insertion seqs and phages
Rv0442c	1	1	1,625662704 PE/PPE
Rv0742	1	1	1,625662704 PE/PPE
Rv0754	1	1	1,625662704 PE/PPE
Rv1441c	1	1	1,625662704 PE/PPE
Rv1840c	1	1	1,625662704 PE/PPE
Rv2769c	1	1	1,625662704 PE/PPE
Rv3539	1	1	1,625662704 PE/PPE
Rv3892c	1	1	1,625662704 PE/PPE
Rv0070c	1	1	1,625662704 intermediary metabolism and respiration
Rv0216	1	1	1,625662704 intermediary metabolism and respiration
Rv0385	1	1	1,625662704 intermediary metabolism and respiration
Rv0480c	1	1	1,625662704 intermediary metabolism and respiration
Rv0492c	1	1	1,625662704 intermediary metabolism and respiration
Rv0535	1	1	1,625662704 intermediary metabolism and respiration
Rv0765c	1	1	1,625662704 intermediary metabolism and respiration
Rv0782	1	1	1,625662704 intermediary metabolism and respiration
Rv0843	1	1	1,625662704 intermediary metabolism and respiration
Rv1170	1	1	1,625662704 intermediary metabolism and respiration
Rv1432	1	1	1,625662704 intermediary metabolism and respiration
Rv1552	1	1	1,625662704 intermediary metabolism and respiration
Rv1555	1	1	1,625662704 intermediary metabolism and respiration
Rv1666c	1	1	1,625662704 intermediary metabolism and respiration
Rv1723	1	1	1,625662704 intermediary metabolism and respiration
Rv1834	1	1	1,625662704 intermediary metabolism and respiration
Rv1937	1	1	1,625662704 intermediary metabolism and respiration
Rv1939	1	1	1,625662704 intermediary metabolism and respiration
Rv2071c	1	1	1,625662704 intermediary metabolism and respiration
Rv2089c	1	1	1,625662704 intermediary metabolism and respiration
Rv2170	1	1	1,625662704 intermediary metabolism and respiration
Rv2321c	1	1	1,625662704 intermediary metabolism and respiration
Rv2957	1	1	1,625662704 intermediary metabolism and respiration

Rv3359	1	1	1,625662704 intermediary metabolism and respiration
Rv3375	1	1	1,625662704 intermediary metabolism and respiration
Rv3469c	1	1	1,625662704 intermediary metabolism and respiration
Rv3591c	1	1	1,625662704 intermediary metabolism and respiration
Rv3742c	1	1	1,625662704 intermediary metabolism and respiration
Rv2645	1	1	1,625662704 unknown
Rv0260c	1	1	1,625662704 regulatory proteins
Rv0891c	1	1	1,625662704 regulatory proteins
Rv1255c	1	1	1,625662704 regulatory proteins
Rv1556	1	1	1,625662704 regulatory proteins
Rv2914c	1	1	1,625662704 regulatory proteins
Rv0106	1	1	1,625662704 conserved hypotheticals
Rv0739	1	1	1,625662704 conserved hypotheticals
Rv0749A	1	1	1,625662704 conserved hypotheticals
Rv0776c	1	1	1,625662704 conserved hypotheticals
Rv0826	1	1	1,625662704 conserved hypotheticals
Rv0923c	1	1	1,625662704 conserved hypotheticals
Rv0979c	1	1	1,625662704 conserved hypotheticals
Rv1012	1	1	1,625662704 conserved hypotheticals
Rv1112	1	1	1,625662704 conserved hypotheticals
Rv1118c	1	1	1,625662704 conserved hypotheticals
Rv1125	1	1	1,625662704 conserved hypotheticals
Rv1288	1	1	1,625662704 conserved hypotheticals
Rv1290A	1	1	1,625662704 conserved hypotheticals
Rv1532c	1	1	1,625662704 conserved hypotheticals
Rv1673c	1	1	1,625662704 conserved hypotheticals
Rv1804c	1	1	1,625662704 conserved hypotheticals
Rv1888A	1	1	1,625662704 conserved hypotheticals
Rv1944c	1	1	1,625662704 conserved hypotheticals
Rv2077A	1	1	1,625662704 conserved hypotheticals
Rv2179c	1	1	1,625662704 conserved hypotheticals
Rv2264c	1	1	1,625662704 conserved hypotheticals
Rv2293c	1	1	1,625662704 conserved hypotheticals
Rv2415c	1	1	1,625662704 conserved hypotheticals

Rv2432c	1	1	1,625662704 conserved hypotheticals
Rv2433c	1	1	1,625662704 conserved hypotheticals
Rv2491	1	1	1,625662704 conserved hypotheticals
Rv2578c	1	1	1,625662704 conserved hypotheticals
Rv2618	1	1	1,625662704 conserved hypotheticals
Rv2712c	1	1	1,625662704 conserved hypotheticals
Rv3090	1	1	1,625662704 conserved hypotheticals
Rv3541c	1	1	1,625662704 conserved hypotheticals
Rv3586	1	1	1,625662704 conserved hypotheticals
Rv3659c	1	1	1,625662704 conserved hypotheticals
Rv3839	1	1	1,625662704 conserved hypotheticals
Rv0270	28	15	1,499613357 lipid metabolism
Rv1484	28	15	1,499613357 lipid metabolism
Rv1386	50	17	1,50495613 PE/PPE
Rv0283	29	15	1,517143904 cell wall and cell processes
Rv2462c	29	15	1,517143904 cell wall and cell processes
Rv0905	16	9	1,519781404 lipid metabolism
Rv2718c	16	9	1,519781404 regulatory proteins
Rv2372c	16	9	1,519781404 conserved hypotheticals
Rv0558	34	11	1,53307018 intermediary metabolism and respiration
Rv2216	34	11	1,53307018 conserved hypotheticals
Rv2050	35	11	1,534199282 conserved hypotheticals
Rv0173	49	24	1,546015182 cell wall and cell processes
Rv1543	9	2	1,554561649 lipid metabolism
Rv1683	9	2	1,554561649 lipid metabolism
Rv1997	9	2	1,554561649 cell wall and cell processes
Rv2878c	9	2	1,554561649 cell wall and cell processes
Rv2105	9	2	1,554561649 insertion seqs and phages
Rv0137c	9	2	1,554561649 intermediary metabolism and respiration
Rv1855c	9	2	1,554561649 intermediary metabolism and respiration
Rv2263	9	2	1,554561649 intermediary metabolism and respiration
Rv3303c	9	2	1,554561649 intermediary metabolism and respiration
Rv1743	9	2	1,554561649 regulatory proteins
Rv3334	9	2	1,554561649 regulatory proteins

Rv1025	9	2	1,554561649 conserved hypotheticals
Rv1513	9	2	1,554561649 conserved hypotheticals
Rv2226	9	2	1,554561649 conserved hypotheticals
Rv2777c	9	2	1,554561649 conserved hypotheticals
Rv3205c	56	19	1,543982001 conserved hypotheticals
Rv3002c	17	9	1,544827219 intermediary metabolism and respiration
Rv0798c	10	2	1,547429213 virulence, detoxification, adaptation
Rv0009	21	6	1,547429213 information pathways
Rv0394c	10	2	1,547429213 cell wall and cell processes
Rv0876c	21	6	1,547429213 cell wall and cell processes
Rv0929	10	2	1,547429213 cell wall and cell processes
Rv1132	10	2	1,547429213 cell wall and cell processes
Rv2719c	10	2	1,547429213 cell wall and cell processes
Rv3464	10	2	1,547429213 intermediary metabolism and respiration
Rv0014c	10	2	1,547429213 regulatory proteins
Rv0275c	10	2	1,547429213 regulatory proteins
Rv0410c	10	2	1,547429213 regulatory proteins
Rv1719	10	2	1,547429213 regulatory proteins
Rv2234	10	2	1,547429213 regulatory proteins
Rv2275	10	2	1,547429213 conserved hypotheticals
Rv2561	10	2	1,547429213 conserved hypotheticals
Rv3856c	10	2	1,547429213 conserved hypotheticals
Rv2190c	37	12	1,543372701 virulence, detoxification, adaptation
Rv3610c	37	12	1,543372701 cell wall and cell processes
Rv2280	37	12	1,543372701 intermediary metabolism and respiration
Rv1794	18	10	1,546748889 conserved hypotheticals
Rv3221c	114	42	1,559742724 lipid metabolism
Rv0960	8	5	1,574168224 virulence, detoxification, adaptation
Rv1478	8	5	1,574168224 virulence, detoxification, adaptation
Rv3496c	8	5	1,574168224 virulence, detoxification, adaptation
Rv0503c	8	5	1,574168224 lipid metabolism
Rv3556c	8	5	1,574168224 lipid metabolism
Rv1633	8	5	1,574168224 information pathways
Rv1689	8	5	1,574168224 information pathways

Rv2366c	8	5	1,574168224 cell wall and cell processes
Rv1041c	8	5	1,574168224 insertion seqs and phages
Rv0189c	8	5	1,574168224 intermediary metabolism and respiration
Rv0315	8	5	1,574168224 intermediary metabolism and respiration
Rv0391	8	5	1,574168224 intermediary metabolism and respiration
Rv1099c	8	5	1,574168224 intermediary metabolism and respiration
Rv2509	8	5	1,574168224 intermediary metabolism and respiration
Rv2967c	8	5	1,574168224 intermediary metabolism and respiration
Rv3198A	8	5	1,574168224 intermediary metabolism and respiration
Rv1694	19	10	1,56303287 virulence, detoxification, adaptation
Rv3420c	19	10	1,56303287 information pathways
Rv2224c	19	10	1,56303287 cell wall and cell processes
Rv2868c	89	32	1,572344079 conserved hypotheticals
Rv3133c	36	18	1,576584758 regulatory proteins
Rv0655	85	40	1,589396422 cell wall and cell processes
Rv2169c	42	14	1,594479469 cell wall and cell processes
Rv0594	3	0	1,599556657 virulence, detoxification, adaptation
Rv0596c	3	0	1,599556657 virulence, detoxification, adaptation
Rv0749	3	0	1,599556657 virulence, detoxification, adaptation
Rv1991c	3	0	1,599556657 virulence, detoxification, adaptation
Rv2801c	3	0	1,599556657 virulence, detoxification, adaptation
Rv0564c	3	0	1,599556657 lipid metabolism
Rv1350	3	0	1,599556657 lipid metabolism
Rv1665	3	0	1,599556657 lipid metabolism
Rv3399	3	0	1,599556657 lipid metabolism
Rv2906c	3	0	1,599556657 information pathways
Rv3834c	3	0	1,599556657 information pathways
Rv1029	3	0	1,599556657 cell wall and cell processes
Rv1218c	3	0	1,599556657 cell wall and cell processes
Rv2999	3	0	1,599556657 cell wall and cell processes
Rv3020c	3	0	1,599556657 cell wall and cell processes
Rv2659c	3	0	1,599556657 insertion seqs and phages
Rv0878c	3	0	1,599556657 PE/PPE
Rv2107	3	0	1,599556657 PE/PPE

Rv3135	3	0	1,599556657 PE/PPE
Rv3425	3	0	1,599556657 PE/PPE
Rv3507	3	0	1,599556657 PE/PPE
Rv3650	3	0	1,599556657 PE/PPE
Rv0197	3	0	1,599556657 intermediary metabolism and respiration
Rv1523	3	0	1,599556657 intermediary metabolism and respiration
Rv1594	119	55	1,599556657 intermediary metabolism and respiration
Rv1817	3	0	1,599556657 intermediary metabolism and respiration
Rv2073c	3	0	1,599556657 intermediary metabolism and respiration
Rv2435c	3	0	1,599556657 intermediary metabolism and respiration
Rv2607	3	0	1,599556657 intermediary metabolism and respiration
Rv3537	3	0	1,599556657 intermediary metabolism and respiration
Rv3727	3	0	1,599556657 intermediary metabolism and respiration
Rv2088	3	0	1,599556657 regulatory proteins
Rv2250c	3	0	1,599556657 regulatory proteins
Rv0376c	3	0	1,599556657 conserved hypotheticals
Rv0767c	3	0	1,599556657 conserved hypotheticals
Rv0976c	3	0	1,599556657 conserved hypotheticals
Rv1186c	3	0	1,599556657 conserved hypotheticals
Rv1290c	3	0	1,599556657 conserved hypotheticals
Rv1413	3	0	1,599556657 conserved hypotheticals
Rv1682	3	0	1,599556657 conserved hypotheticals
Rv1897c	3	0	1,599556657 conserved hypotheticals
Rv2020c	3	0	1,599556657 conserved hypotheticals
Rv2036	3	0	1,599556657 conserved hypotheticals
Rv2662	3	0	1,599556657 conserved hypotheticals
Rv2663	3	0	1,599556657 conserved hypotheticals
Rv2695	3	0	1,599556657 conserved hypotheticals
Rv2730	3	0	1,599556657 conserved hypotheticals
Rv3180c	3	0	1,599556657 conserved hypotheticals
Rv3531c	3	0	1,599556657 conserved hypotheticals
Rv3654c	3	0	1,599556657 conserved hypotheticals
Rv3819	3	0	1,599556657 conserved hypotheticals
Rv2219	38	19	1,556654423 cell wall and cell processes

Rv2150c	39	19	1,571585115 cell wall and cell processes
Rv0127	9	5	1,578464094 virulence, detoxification, adaptation
Rv0221	9	5	1,578464094 lipid metabolism
Rv0914c	9	5	1,578464094 lipid metabolism
Rv0010c	9	5	1,578464094 cell wall and cell processes
Rv0933	9	5	1,578464094 cell wall and cell processes
Rv2081c	9	5	1,578464094 cell wall and cell processes
Rv0555	9	5	1,578464094 intermediary metabolism and respiration
Rv0865	9	5	1,578464094 intermediary metabolism and respiration
Rv2221c	9	5	1,578464094 intermediary metabolism and respiration
Rv3299c	9	5	1,578464094 intermediary metabolism and respiration
Rv2298	9	5	1,578464094 conserved hypotheticals
Rv0473	12	3	1,584784325 cell wall and cell processes
Rv1565c	12	3	1,584784325 cell wall and cell processes
Rv1888c	12	3	1,584784325 cell wall and cell processes
Rv2693c	12	3	1,584784325 cell wall and cell processes
Rv3194c	12	3	1,584784325 cell wall and cell processes
Rv2519	12	3	1,584784325 PE/PPE
Rv2764c	12	3	1,584784325 intermediary metabolism and respiration
Rv3816c	12	3	1,584784325 intermediary metabolism and respiration
Rv1059	12	3	1,584784325 conserved hypotheticals
Rv1390	23	12	1,584567588 information pathways
Rv1379	47	16	1,589716418 regulatory proteins
Rv0617	10	6	1,596501768 virulence, detoxification, adaptation
Rv2389c	10	6	1,596501768 cell wall and cell processes
Rv0578c	10	6	1,596501768 PE/PPE
Rv0317c	10	6	1,596501768 intermediary metabolism and respiration
Rv1098c	10	6	1,596501768 intermediary metabolism and respiration
Rv1207	10	6	1,596501768 intermediary metabolism and respiration
Rv3436c	10	6	1,596501768 intermediary metabolism and respiration
Rv1046c	10	6	1,596501768 unknown
Rv2795c	10	6	1,596501768 conserved hypotheticals
Rv3272	10	6	1,596501768 conserved hypotheticals
Rv1562c	2	2	1,596167912 virulence, detoxification, adaptation

Rv1838c	2	2	1,596167912 virulence, detoxification, adaptation
Rv1943c	2	2	1,596167912 virulence, detoxification, adaptation
Rv0119	2	2	1,596167912 lipid metabolism
Rv0447c	2	2	1,596167912 lipid metabolism
Rv1182	2	2	1,596167912 lipid metabolism
Rv1329c	2	2	1,596167912 information pathways
Rv1402	2	2	1,596167912 information pathways
Rv0924c	2	2	1,596167912 cell wall and cell processes
Rv1024	2	2	1,596167912 cell wall and cell processes
Rv2046	2	2	1,596167912 cell wall and cell processes
Rv2832c	2	2	1,596167912 cell wall and cell processes
Rv2920c	2	2	1,596167912 cell wall and cell processes
Rv3069	2	2	1,596167912 cell wall and cell processes
Rv3664c	2	2	1,596167912 cell wall and cell processes
Rv3690	2	2	1,596167912 cell wall and cell processes
Rv0305c	2	2	1,596167912 PE/PPE
Rv0044c	2	2	1,596167912 intermediary metabolism and respiration
Rv0253	2	2	1,596167912 intermediary metabolism and respiration
Rv0768	2	2	1,596167912 intermediary metabolism and respiration
Rv0769	2	2	1,596167912 intermediary metabolism and respiration
Rv0868c	2	2	1,596167912 intermediary metabolism and respiration
Rv0956	2	2	1,596167912 intermediary metabolism and respiration
Rv1524	2	2	1,596167912 intermediary metabolism and respiration
Rv1852	2	2	1,596167912 intermediary metabolism and respiration
Rv3077	2	2	1,596167912 intermediary metabolism and respiration
Rv3313c	2	2	1,596167912 intermediary metabolism and respiration
Rv3432c	2	2	1,596167912 intermediary metabolism and respiration
Rv3817	2	2	1,596167912 intermediary metabolism and respiration
Rv3291c	2	2	1,596167912 regulatory proteins
Rv0264c	2	2	1,596167912 conserved hypotheticals
Rv0307c	2	2	1,596167912 conserved hypotheticals
Rv0349	2	2	1,596167912 conserved hypotheticals
Rv0698	2	2	1,596167912 conserved hypotheticals
Rv2133c	2	2	1,596167912 conserved hypotheticals

Rv2375	2	2	1,596167912 conserved hypotheticals
Rv2705c	2	2	1,596167912 conserved hypotheticals
Rv2802c	2	2	1,596167912 conserved hypotheticals
Rv2820c	2	2	1,596167912 conserved hypotheticals
Rv2821c	2	2	1,596167912 conserved hypotheticals
Rv2823c	2	2	1,596167912 conserved hypotheticals
Rv2824c	2	2	1,596167912 conserved hypotheticals
Rv3033	2	2	1,596167912 conserved hypotheticals
Rv3172c	2	2	1,596167912 conserved hypotheticals
Rv3231c	2	2	1,596167912 conserved hypotheticals
Rv3394c	2	2	1,596167912 conserved hypotheticals
Rv3438	2	2	1,596167912 conserved hypotheticals
Rv3542c	2	2	1,596167912 conserved hypotheticals
Rv3705A	2	2	1,596167912 conserved hypotheticals
Rv3882c	28	9	1,564923274 cell wall and cell processes
Rv2798c	28	9	1,564923274 conserved hypotheticals
Rv0859	25	13	1,5711938 lipid metabolism
Rv1304	46	22	1,577499679 intermediary metabolism and respiration
Rv3757c	11	6	1,585914789 virulence, detoxification, adaptation
Rv0222	11	6	1,585914789 lipid metabolism
Rv0436c	11	6	1,585914789 lipid metabolism
Rv1589	11	6	1,585914789 intermediary metabolism and respiration
Rv2850c	11	6	1,585914789 intermediary metabolism and respiration
Rv3319	11	6	1,585914789 intermediary metabolism and respiration
Rv0201c	11	6	1,585914789 conserved hypotheticals
Rv2417c	11	6	1,585914789 conserved hypotheticals
Rv1435c	26	13	1,580486656 cell wall and cell processes
Rv2197c	26	13	1,580486656 cell wall and cell processes
Rv0243	75	35	1,581701965 lipid metabolism
Rv3678c	110	50	1,5874362 conserved hypotheticals
Rv3206c	30	10	1,593427162 intermediary metabolism and respiration
Rv3842c	30	10	1,593427162 intermediary metabolism and respiration
Rv0440	31	10	1,594888712 virulence, detoxification, adaptation
Rv1303	50	24	1,600603814 cell wall and cell processes

Rv1952	14	4	1,605526098 virulence, detoxification, adaptation
Rv0244c	14	4	1,605526098 lipid metabolism
Rv0405	14	4	1,605526098 lipid metabolism
Rv1905c	14	4	1,605526098 intermediary metabolism and respiration
Rv2210c	14	4	1,605526098 intermediary metabolism and respiration
Rv2849c	28	14	1,605526098 intermediary metabolism and respiration
Rv2987c	14	4	1,605526098 intermediary metabolism and respiration
Rv0982	28	14	1,605526098 regulatory proteins
Rv0181c	14	4	1,605526098 conserved hypotheticals
Rv3818	14	4	1,605526098 conserved hypotheticals
Rv0400c	15	4	1,604897736 lipid metabolism
Rv0445c	15	4	1,604897736 information pathways
Rv0479c	15	4	1,604897736 cell wall and cell processes
Rv2575	15	4	1,604897736 cell wall and cell processes
Rv1076	15	4	1,604897736 intermediary metabolism and respiration
Rv3276c	15	4	1,604897736 intermediary metabolism and respiration
Rv0530	15	4	1,604897736 conserved hypotheticals
Rv3472	15	4	1,604897736 conserved hypotheticals
Rv3051c	83	38	1,608816046 information pathways
Rv2639c	29	14	1,61005 cell wall and cell processes
Rv2737c	33	11	1,611023153 information pathways
Rv2128	33	11	1,611023153 cell wall and cell processes
Rv3843c	33	11	1,611023153 cell wall and cell processes
Rv3791	13	7	1,620154916 lipid metabolism
Rv1615	13	7	1,620154916 cell wall and cell processes
Rv2206	13	7	1,620154916 cell wall and cell processes
Rv1602	13	7	1,620154916 intermediary metabolism and respiration
Rv1862	13	7	1,620154916 intermediary metabolism and respiration
Rv0775	13	7	1,620154916 conserved hypotheticals
Rv2125	13	7	1,620154916 conserved hypotheticals
Rv3268	13	7	1,620154916 conserved hypotheticals
Rv2032	31	15	1,625015208 conserved hypotheticals
Rv3799c	56	26	1,624942946 lipid metabolism
Rv2949c	61	22	1,625128512 intermediary metabolism and respiration

Rv0424c	61	22	1,625128512 conserved hypotheticals
Rv1299	35	12	1,630391268 information pathways
Rv2517c	35	12	1,630391268 conserved hypotheticals
Rv1389	36	12	1,632813707 intermediary metabolism and respiration
Rv0678	36	12	1,632813707 conserved hypotheticals
Rv1765c	36	12	1,632813707 conserved hypotheticals
Rv0627	3	2	1,631558424 virulence, detoxification, adaptation
Rv1026	3	2	1,631558424 virulence, detoxification, adaptation
Rv1561	3	2	1,631558424 virulence, detoxification, adaptation
Rv2026c	3	2	1,631558424 virulence, detoxification, adaptation
Rv2494	3	2	1,631558424 virulence, detoxification, adaptation
Rv0033	3	2	1,631558424 lipid metabolism
Rv1181	3	2	1,631558424 lipid metabolism
Rv1663	3	2	1,631558424 lipid metabolism
Rv3039c	3	2	1,631558424 lipid metabolism
Rv1316c	3	2	1,631558424 information pathways
Rv1649	3	2	1,631558424 information pathways
Rv1981c	3	2	1,631558424 information pathways
Rv0110	3	2	1,631558424 cell wall and cell processes
Rv0482	3	2	1,631558424 cell wall and cell processes
Rv0583c	3	2	1,631558424 cell wall and cell processes
Rv0912	3	2	1,631558424 cell wall and cell processes
Rv1668c	3	2	1,631558424 cell wall and cell processes
Rv2434c	3	2	1,631558424 cell wall and cell processes
Rv2571c	3	2	1,631558424 cell wall and cell processes
Rv1370c	3	2	1,631558424 insertion seqs and phages
Rv2650c	3	2	1,631558424 insertion seqs and phages
Rv3381c	3	2	1,631558424 insertion seqs and phages
Rv1214c	3	2	1,631558424 PE/PPE
Rv3739c	3	2	1,631558424 PE/PPE
Rv0083	3	2	1,631558424 intermediary metabolism and respiration
Rv0183	3	2	1,631558424 intermediary metabolism and respiration
Rv0753c	3	2	1,631558424 intermediary metabolism and respiration
Rv0886	3	2	1,631558424 intermediary metabolism and respiration

Rv1096	3	2	1,631558424 intermediary metabolism and respiration
Rv1254	3	2	1,631558424 intermediary metabolism and respiration
Rv1653	3	2	1,631558424 intermediary metabolism and respiration
Rv1785c	3	2	1,631558424 intermediary metabolism and respiration
Rv1850	3	2	1,631558424 intermediary metabolism and respiration
Rv2070c	3	2	1,631558424 intermediary metabolism and respiration
Rv2139	3	2	1,631558424 intermediary metabolism and respiration
Rv2266	3	2	1,631558424 intermediary metabolism and respiration
Rv2765	3	2	1,631558424 intermediary metabolism and respiration
Rv3068c	3	2	1,631558424 intermediary metabolism and respiration
Rv3227	3	2	1,631558424 intermediary metabolism and respiration
Rv3602c	3	2	1,631558424 intermediary metabolism and respiration
Rv3696c	3	2	1,631558424 intermediary metabolism and respiration
Rv0325	3	2	1,631558424 unknown
Rv0465c	3	2	1,631558424 regulatory proteins
Rv3164c	3	2	1,631558424 regulatory proteins
Rv3764c	3	2	1,631558424 regulatory proteins
Rv0743c	3	2	1,631558424 conserved hypotheticals
Rv1043c	3	2	1,631558424 conserved hypotheticals
Rv1508A	3	2	1,631558424 conserved hypotheticals
Rv1725c	3	2	1,631558424 conserved hypotheticals
Rv1752	3	2	1,631558424 conserved hypotheticals
Rv1767	3	2	1,631558424 conserved hypotheticals
Rv1823	3	2	1,631558424 conserved hypotheticals
Rv1978	3	2	1,631558424 conserved hypotheticals
Rv2387	3	2	1,631558424 conserved hypotheticals
Rv2826c	3	2	1,631558424 conserved hypotheticals
Rv2880c	3	2	1,631558424 conserved hypotheticals
Rv3031	3	2	1,631558424 conserved hypotheticals
Rv3037c	3	2	1,631558424 conserved hypotheticals
Rv3103c	3	2	1,631558424 conserved hypotheticals
Rv3228	3	2	1,631558424 conserved hypotheticals
Rv3304	3	2	1,631558424 conserved hypotheticals
Rv3363c	3	2	1,631558424 conserved hypotheticals

Rv3403c	3	2	1,631558424 conserved hypotheticals
Rv3707c	3	2	1,631558424 conserved hypotheticals
Rv3490	33	16	1,588859408 virulence, detoxification, adaptation
Rv1361c	33	16	1,588859408 PE/PPE
Rv2406c	33	16	1,588859408 conserved hypotheticals
Rv3881c	60	28	1,589201503 cell wall and cell processes
Rv0643c	14	7	1,59088643 lipid metabolism
Rv2784c	14	7	1,59088643 cell wall and cell processes
Rv0788	14	7	1,59088643 intermediary metabolism and respiration
Rv0613c	14	7	1,59088643 conserved hypotheticals
Rv1914c	14	7	1,59088643 conserved hypotheticals
Rv1959c	17	5	1,587902997 virulence, detoxification, adaptation
Rv2553c	17	5	1,587902997 cell wall and cell processes
Rv2396	17	5	1,587902997 PE/PPE
Rv0333	17	5	1,587902997 conserved hypotheticals
Rv1531	17	5	1,587902997 conserved hypotheticals
Rv3224B	17	5	1,587902997 conserved hypotheticals
Rv0134	37	13	1,591299801 virulence, detoxification, adaptation
Rv2732c	38	13	1,591247486 cell wall and cell processes
Rv2692	15	8	1,596124577 cell wall and cell processes
Rv3802c	15	8	1,596124577 cell wall and cell processes
Rv2186c	15	8	1,596124577 conserved hypotheticals
Rv3519	15	8	1,596124577 conserved hypotheticals
Rv3053c	64	30	1,600825819 information pathways
Rv0510	205	91	1,61035732 intermediary metabolism and respiration
Rv0049	40	14	1,610541468 conserved hypotheticals
Rv3887c	16	8	1,61784819 cell wall and cell processes
Rv1832	16	8	1,61784819 intermediary metabolism and respiration
Rv2725c	16	8	1,61784819 intermediary metabolism and respiration
Rv1072	278	122	1,619369406 cell wall and cell processes
Rv0206c	38	18	1,621019396 cell wall and cell processes
Rv2181	19	6	1,627322849 cell wall and cell processes
Rv3157	19	6	1,627322849 intermediary metabolism and respiration
Rv3396c	19	6	1,627322849 intermediary metabolism and respiration

Rv2809	19	6	1,627322849 conserved hypotheticals
Rv2496c	42	15	1,62606614 intermediary metabolism and respiration
Rv3028c	42	15	1,62606614 intermediary metabolism and respiration
Rv2595	20	6	1,629592406 virulence, detoxification, adaptation
Rv0732	20	6	1,629592406 cell wall and cell processes
Rv0818	40	19	1,631891527 regulatory proteins
Rv2111c	122	47	1,643040079 intermediary metabolism and respiration
Rv1782	41	19	1,642475295 cell wall and cell processes
Rv0046c	18	9	1,644104181 intermediary metabolism and respiration
Rv0582	5	1	1,650602655 virulence, detoxification, adaptation
Rv2547	5	1	1,650602655 virulence, detoxification, adaptation
Rv2760c	5	1	1,650602655 virulence, detoxification, adaptation
Rv0404	5	1	1,650602655 lipid metabolism
Rv2939	5	1	1,650602655 lipid metabolism
Rv3667	5	1	1,650602655 lipid metabolism
Rv3740c	5	1	1,650602655 lipid metabolism
Rv1364c	5	1	1,650602655 information pathways
Rv3011c	5	1	1,650602655 information pathways
Rv0180c	5	1	1,650602655 cell wall and cell processes
Rv0507	5	1	1,650602655 cell wall and cell processes
Rv0987	5	1	1,650602655 cell wall and cell processes
Rv1004c	5	1	1,650602655 cell wall and cell processes
Rv1217c	5	1	1,650602655 cell wall and cell processes
Rv1235	5	1	1,650602655 cell wall and cell processes
Rv1382	5	1	1,650602655 cell wall and cell processes
Rv1860	5	1	1,650602655 cell wall and cell processes
Rv2180c	5	1	1,650602655 cell wall and cell processes
Rv2209	5	1	1,650602655 cell wall and cell processes
Rv2339	5	1	1,650602655 cell wall and cell processes
Rv2400c	5	1	1,650602655 cell wall and cell processes
Rv2875	5	1	1,650602655 cell wall and cell processes
Rv3019c	5	1	1,650602655 cell wall and cell processes
Rv3452	5	1	1,650602655 cell wall and cell processes
Rv3481c	5	1	1,650602655 cell wall and cell processes

Rv3835	5	1	1,650602655 cell wall and cell processes
Rv0095c	5	1	1,650602655 insertion seqs and phages
Rv1945	5	1	1,650602655 insertion seqs and phages
Rv3386	5	1	1,650602655 insertion seqs and phages
Rv1807	5	1	1,650602655 PE/PPE
Rv3347c	5	1	1,650602655 PE/PPE
Rv0130	5	1	1,650602655 intermediary metabolism and respiration
Rv0334	5	1	1,650602655 intermediary metabolism and respiration
Rv0337c	5	1	1,650602655 intermediary metabolism and respiration
Rv0392c	5	1	1,650602655 intermediary metabolism and respiration
Rv0575c	5	1	1,650602655 intermediary metabolism and respiration
Rv0772	5	1	1,650602655 intermediary metabolism and respiration
Rv1005c	5	1	1,650602655 intermediary metabolism and respiration
Rv1014c	5	1	1,650602655 intermediary metabolism and respiration
Rv1263	5	1	1,650602655 intermediary metabolism and respiration
Rv1286	5	1	1,650602655 intermediary metabolism and respiration
Rv1381	5	1	1,650602655 intermediary metabolism and respiration
Rv1652	5	1	1,650602655 intermediary metabolism and respiration
Rv2284	5	1	1,650602655 intermediary metabolism and respiration
Rv2800	5	1	1,650602655 intermediary metabolism and respiration
Rv3317	5	1	1,650602655 intermediary metabolism and respiration
Rv3554	5	1	1,650602655 intermediary metabolism and respiration
Rv3754	5	1	1,650602655 intermediary metabolism and respiration
Rv2027c	5	1	1,650602655 regulatory proteins
Rv3557c	5	1	1,650602655 regulatory proteins
Rv0332	5	1	1,650602655 conserved hypotheticals
Rv0786c	5	1	1,650602655 conserved hypotheticals
Rv0874c	5	1	1,650602655 conserved hypotheticals
Rv1748	5	1	1,650602655 conserved hypotheticals
Rv1977	5	1	1,650602655 conserved hypotheticals
Rv2132	5	1	1,650602655 conserved hypotheticals
Rv2532c	5	1	1,650602655 conserved hypotheticals
Rv2683	5	1	1,650602655 conserved hypotheticals
Rv3189	5	1	1,650602655 conserved hypotheticals

Rv3656c	5	1	1,650602655 conserved hypotheticals
Rv3718c	5	1	1,650602655 conserved hypotheticals
Rv3732	5	1	1,650602655 conserved hypotheticals
Rv3903c	5	1	1,650602655 conserved hypotheticals
Rv3156	43	20	1,606211063 intermediary metabolism and respiration
Rv1102c	6	1	1,609695806 virulence, detoxification, adaptation
Rv1247c	6	1	1,609695806 virulence, detoxification, adaptation
Rv2602	6	1	1,609695806 virulence, detoxification, adaptation
Rv3697c	6	1	1,609695806 virulence, detoxification, adaptation
Rv1529	6	1	1,609695806 lipid metabolism
Rv3540c	6	1	1,609695806 lipid metabolism
Rv4000	6	1	1,609695806 information pathways
Rv1022	6	1	1,609695806 cell wall and cell processes
Rv1252c	6	1	1,609695806 cell wall and cell processes
Rv1363c	6	1	1,609695806 cell wall and cell processes
Rv1687c	6	1	1,609695806 cell wall and cell processes
Rv1709	6	1	1,609695806 cell wall and cell processes
Rv2643	6	1	1,609695806 cell wall and cell processes
Rv1148c	6	1	1,609695806 insertion seqs and phages
Rv0892	6	1	1,609695806 intermediary metabolism and respiration
Rv1326c	6	1	1,609695806 intermediary metabolism and respiration
Rv1380	6	1	1,609695806 intermediary metabolism and respiration
Rv1500	6	1	1,609695806 intermediary metabolism and respiration
Rv2350c	6	1	1,609695806 intermediary metabolism and respiration
Rv2511	6	1	1,609695806 intermediary metabolism and respiration
Rv0212c	6	1	1,609695806 regulatory proteins
Rv0273c	6	1	1,609695806 regulatory proteins
Rv0902c	6	1	1,609695806 regulatory proteins
Rv1266c	6	1	1,609695806 regulatory proteins
Rv0059	6	1	1,609695806 conserved hypotheticals
Rv0272c	6	1	1,609695806 conserved hypotheticals
Rv0756c	6	1	1,609695806 conserved hypotheticals
Rv0925c	6	1	1,609695806 conserved hypotheticals
Rv1428c	6	1	1,609695806 conserved hypotheticals

Rv1505c	6	1	1,609695806 conserved hypotheticals
Rv1762c	6	1	1,609695806 conserved hypotheticals
Rv1874	6	1	1,609695806 conserved hypotheticals
Rv2420c	6	1	1,609695806 conserved hypotheticals
Rv2664	6	1	1,609695806 conserved hypotheticals
Rv3190c	6	1	1,609695806 conserved hypotheticals
Rv3510c	6	1	1,609695806 conserved hypotheticals
Rv3139	47	17	1,58346926 lipid metabolism
Rv2879c	47	17	1,58346926 conserved hypotheticals
Rv3495c	21	7	1,585465543 cell wall and cell processes
Rv3193c	22	7	1,586578194 cell wall and cell processes
Rv3694c	22	7	1,586578194 cell wall and cell processes
Rv0148	22	7	1,586578194 intermediary metabolism and respiration
Rv1678	20	10	1,595465794 cell wall and cell processes
Rv2586c	20	10	1,595465794 cell wall and cell processes
Rv0805	20	10	1,595465794 intermediary metabolism and respiration
Rv2773c	20	10	1,595465794 intermediary metabolism and respiration
Rv1178	50	18	1,59456875 intermediary metabolism and respiration
Rv1614	52	19	1,60953035 cell wall and cell processes
Rv2238c	21	10	1,610857968 virulence, detoxification, adaptation
Rv0007	21	10	1,610857968 cell wall and cell processes
Rv3146	49	23	1,61005 intermediary metabolism and respiration
Rv3724A	24	8	1,61321973 cell wall and cell processes
Rv0921	24	8	1,61321973 insertion seqs and phages
Rv3050c	24	8	1,61321973 regulatory proteins
Rv0301	5	3	1,612812454 virulence, detoxification, adaptation
Rv0598c	5	3	1,612812454 virulence, detoxification, adaptation
Rv0623	5	3	1,612812454 virulence, detoxification, adaptation
Rv0231	5	3	1,612812454 lipid metabolism
Rv1193	5	3	1,612812454 lipid metabolism
Rv2611c	5	3	1,612812454 lipid metabolism
Rv2613c	5	3	1,612812454 lipid metabolism
Rv1230c	5	3	1,612812454 cell wall and cell processes
Rv1231c	5	3	1,612812454 cell wall and cell processes

Rv2397c	5	3	1,612812454 cell wall and cell processes
Rv2398c	5	3	1,612812454 cell wall and cell processes
Rv2459	5	3	1,612812454 cell wall and cell processes
Rv2965c	5	3	1,612812454 cell wall and cell processes
Rv3430c	5	3	1,612812454 insertion seqs and phages
Rv0794c	5	3	1,612812454 intermediary metabolism and respiration
Rv1202	5	3	1,612812454 intermediary metabolism and respiration
Rv1257c	5	3	1,612812454 intermediary metabolism and respiration
Rv2118c	5	3	1,612812454 intermediary metabolism and respiration
Rv3121	5	3	1,612812454 intermediary metabolism and respiration
Rv0302	5	3	1,612812454 regulatory proteins
Rv3060c	5	3	1,612812454 regulatory proteins
Rv0164	5	3	1,612812454 conserved hypotheticals
Rv1378c	5	3	1,612812454 conserved hypotheticals
Rv1429	5	3	1,612812454 conserved hypotheticals
Rv2024c	5	3	1,612812454 conserved hypotheticals
Rv2114	5	3	1,612812454 conserved hypotheticals
Rv2360c	5	3	1,612812454 conserved hypotheticals
Rv2402	5	3	1,612812454 conserved hypotheticals
Rv2828c	5	3	1,612812454 conserved hypotheticals
Rv3182	5	3	1,612812454 conserved hypotheticals
Rv3455c	22	11	1,595178918 information pathways
Rv3104c	23	11	1,608291251 cell wall and cell processes
Rv1830	23	11	1,608291251 conserved hypotheticals
Rv2460c	54	25	1,612487323 intermediary metabolism and respiration
Rv0169	26	9	1,617188655 virulence, detoxification, adaptation
Rv1636	26	9	1,617188655 virulence, detoxification, adaptation
Rv2881c	26	9	1,617188655 lipid metabolism
Rv2438c	26	9	1,617188655 intermediary metabolism and respiration
Rv3142c	27	9	1,616949406 conserved hypotheticals
Rv0639	59	22	1,617794158 information pathways
Rv2146c	62	23	1,630164325 cell wall and cell processes
Rv3866	26	12	1,640038304 cell wall and cell processes
Rv2841c	29	10	1,639516591 information pathways

Rv1085c	6	3	1,643960638 virulence, detoxification, adaptation
Rv1114	6	3	1,643960638 virulence, detoxification, adaptation
Rv0533c	6	3	1,643960638 lipid metabolism
Rv0401	6	3	1,643960638 cell wall and cell processes
Rv0900	6	3	1,643960638 cell wall and cell processes
Rv1159	6	3	1,643960638 cell wall and cell processes
Rv2399c	6	3	1,643960638 cell wall and cell processes
Rv3332	6	3	1,643960638 cell wall and cell processes
Rv3482c	6	3	1,643960638 cell wall and cell processes
Rv3857c	6	3	1,643960638 cell wall and cell processes
Rv3884c	6	3	1,643960638 cell wall and cell processes
Rv3508	6	3	1,643960638 PE/PPE
Rv0111	6	3	1,643960638 intermediary metabolism and respiration
Rv0245	6	3	1,643960638 intermediary metabolism and respiration
Rv0357c	6	3	1,643960638 intermediary metabolism and respiration
Rv0478	6	3	1,643960638 intermediary metabolism and respiration
Rv1279	6	3	1,643960638 intermediary metabolism and respiration
Rv1731	6	3	1,643960638 intermediary metabolism and respiration
Rv2531c	6	3	1,643960638 intermediary metabolism and respiration
Rv2672	6	3	1,643960638 intermediary metabolism and respiration
Rv3314c	6	3	1,643960638 intermediary metabolism and respiration
Rv3634c	6	3	1,643960638 intermediary metabolism and respiration
Rv1909c	6	3	1,643960638 regulatory proteins
Rv0029	6	3	1,643960638 conserved hypotheticals
Rv1314c	6	3	1,643960638 conserved hypotheticals
Rv1507c	6	3	1,643960638 conserved hypotheticals
Rv3120	6	3	1,643960638 conserved hypotheticals
Rv3256c	6	3	1,643960638 conserved hypotheticals
Rv2995c	27	13	1,624145389 intermediary metabolism and respiration
Rv0587	8	2	1,633438939 virulence, detoxification, adaptation
Rv0589	8	2	1,633438939 virulence, detoxification, adaptation
Rv0972c	8	2	1,633438939 lipid metabolism
Rv1058	8	2	1,633438939 lipid metabolism
Rv3544c	8	2	1,633438939 lipid metabolism

Rv1253	8	2	1,633438939 information pathways
Rv1259	8	2	1,633438939 information pathways
Rv2845c	8	2	1,633438939 information pathways
Rv0205	8	2	1,633438939 cell wall and cell processes
Rv0537c	8	2	1,633438939 cell wall and cell processes
Rv1280c	8	2	1,633438939 cell wall and cell processes
Rv1496	8	2	1,633438939 cell wall and cell processes
Rv3451	8	2	1,633438939 cell wall and cell processes
Rv3593	8	2	1,633438939 cell wall and cell processes
Rv3795	8	2	1,633438939 cell wall and cell processes
Rv0795	8	2	1,633438939 insertion seqs and phages
Rv3186	8	2	1,633438939 insertion seqs and phages
Rv0303	8	2	1,633438939 intermediary metabolism and respiration
Rv0688	8	2	1,633438939 intermediary metabolism and respiration
Rv0946c	8	2	1,633438939 intermediary metabolism and respiration
Rv1471	8	2	1,633438939 intermediary metabolism and respiration
Rv1538c	8	2	1,633438939 intermediary metabolism and respiration
Rv3339c	8	2	1,633438939 intermediary metabolism and respiration
Rv3628	8	2	1,633438939 intermediary metabolism and respiration
Rv0367c	8	2	1,633438939 conserved hypotheticals
Rv0839	8	2	1,633438939 conserved hypotheticals
Rv1126c	8	2	1,633438939 conserved hypotheticals
Rv1278	8	2	1,633438939 conserved hypotheticals
Rv1287	8	2	1,633438939 conserved hypotheticals
Rv1645c	8	2	1,633438939 conserved hypotheticals
Rv2513	8	2	1,633438939 conserved hypotheticals
Rv2728c	8	2	1,633438939 conserved hypotheticals
Rv3369	8	2	1,633438939 conserved hypotheticals
Rv3909	8	2	1,633438939 conserved hypotheticals
Rv0486	28	13	1,610379097 intermediary metabolism and respiration
Rv3147	32	11	1,618438247 intermediary metabolism and respiration
Rv1222	71	27	1,622544602 information pathways
Rv2377c	7	4	1,624456258 lipid metabolism
Rv3061c	7	4	1,624456258 lipid metabolism

Rv1210	7	4	1,624456258 information pathways
Rv2343c	7	4	1,624456258 information pathways
Rv0037c	7	4	1,624456258 cell wall and cell processes
Rv0237	7	4	1,624456258 cell wall and cell processes
Rv2151c	7	4	1,624456258 cell wall and cell processes
Rv0606	7	4	1,624456258 insertion seqs and phages
Rv0741	7	4	1,624456258 insertion seqs and phages
Rv0186	7	4	1,624456258 intermediary metabolism and respiration
Rv1412	7	4	1,624456258 intermediary metabolism and respiration
Rv2847c	7	4	1,624456258 intermediary metabolism and respiration
Rv2988c	7	4	1,624456258 intermediary metabolism and respiration
Rv3057c	7	4	1,624456258 intermediary metabolism and respiration
Rv3400	7	4	1,624456258 intermediary metabolism and respiration
Rv3419c	7	4	1,624456258 intermediary metabolism and respiration
Rv0153c	7	4	1,624456258 regulatory proteins
Rv3095	7	4	1,624456258 regulatory proteins
Rv3575c	7	4	1,624456258 regulatory proteins
Rv2018	7	4	1,624456258 conserved hypotheticals
Rv2260	7	4	1,624456258 conserved hypotheticals
Rv2516c	7	4	1,624456258 conserved hypotheticals
Rv3385c	30	14	1,609670258 virulence, detoxification, adaptation
Rv1294	30	14	1,609670258 intermediary metabolism and respiration
Rv1598c	32	15	1,624304945 conserved hypotheticals
Rv1437	36	13	1,635730184 intermediary metabolism and respiration
Rv2373c	34	16	1,638480805 virulence, detoxification, adaptation
Rv2596	8	4	1,638414248 virulence, detoxification, adaptation
Rv3234c	8	4	1,638414248 lipid metabolism
Rv1010	8	4	1,638414248 information pathways
Rv0203	8	4	1,638414248 cell wall and cell processes
Rv0343	8	4	1,638414248 cell wall and cell processes
Rv0541c	8	4	1,638414248 cell wall and cell processes
Rv1648	8	4	1,638414248 cell wall and cell processes
Rv3689	8	4	1,638414248 cell wall and cell processes
Rv2648	8	4	1,638414248 insertion seqs and phages

Rv1604	8	4	1,638414248 intermediary metabolism and respiration
Rv2095c	8	4	1,638414248 intermediary metabolism and respiration
Rv2207	8	4	1,638414248 intermediary metabolism and respiration
Rv2535c	8	4	1,638414248 intermediary metabolism and respiration
Rv2715	8	4	1,638414248 intermediary metabolism and respiration
Rv2860c	8	4	1,638414248 intermediary metabolism and respiration
Rv1341	8	4	1,638414248 conserved hypotheticals
Rv2047c	8	4	1,638414248 conserved hypotheticals
Rv2083	8	4	1,638414248 conserved hypotheticals
Rv2411c	8	4	1,638414248 conserved hypotheticals
Rv2474c	8	4	1,638414248 conserved hypotheticals
Rv3226c	8	4	1,638414248 conserved hypotheticals
Rv3492c	8	4	1,638414248 conserved hypotheticals
Rv3850	8	4	1,638414248 conserved hypotheticals
Rv0563	38	14	1,634541324 virulence, detoxification, adaptation
Rv0248c	38	14	1,634541324 intermediary metabolism and respiration
Rv2583c	39	14	1,634627237 intermediary metabolism and respiration
Rv3264c	37	17	1,639273034 cell wall and cell processes
Rv1960c	10	3	1,641560864 virulence, detoxification, adaptation
Rv3100c	10	3	1,641560864 virulence, detoxification, adaptation
Rv0644c	10	3	1,641560864 lipid metabolism
Rv2724c	10	3	1,641560864 lipid metabolism
Rv3336c	10	3	1,641560864 information pathways
Rv1861	10	3	1,641560864 cell wall and cell processes
Rv2120c	10	3	1,641560864 cell wall and cell processes
Rv2518c	10	3	1,641560864 cell wall and cell processes
Rv2691	10	3	1,641560864 cell wall and cell processes
Rv2885c	10	3	1,641560864 insertion seqs and phages
Rv3474	10	3	1,641560864 insertion seqs and phages
Rv1818c	10	3	1,641560864 PE/PPE
Rv2340c	10	3	1,641560864 PE/PPE
Rv1296	10	3	1,641560864 intermediary metabolism and respiration
Rv1335	10	3	1,641560864 intermediary metabolism and respiration
Rv1699	10	3	1,641560864 intermediary metabolism and respiration

Rv2208	10	3	1,641560864 intermediary metabolism and respiration
Rv2857c	10	3	1,641560864 intermediary metabolism and respiration
Rv3853	10	3	1,641560864 regulatory proteins
Rv0047c	10	3	1,641560864 conserved hypotheticals
Rv0123	10	3	1,641560864 conserved hypotheticals
Rv0312	10	3	1,641560864 conserved hypotheticals
Rv0712	10	3	1,641560864 conserved hypotheticals
Rv1769	10	3	1,641560864 conserved hypotheticals
Rv2079	10	3	1,641560864 conserved hypotheticals
Rv2749	10	3	1,641560864 conserved hypotheticals
Rv3651	10	3	1,641560864 conserved hypotheticals
Rv1899c	40	15	1,628347225 cell wall and cell processes
Rv3873	40	15	1,628347225 PE/PPE
Rv2362c	11	3	1,627380546 information pathways
Rv0199	11	3	1,627380546 cell wall and cell processes
Rv1042c	11	3	1,627380546 insertion seqs and phages
Rv0198c	11	3	1,627380546 intermediary metabolism and respiration
Rv0913c	11	3	1,627380546 intermediary metabolism and respiration
Rv0566c	11	3	1,627380546 conserved hypotheticals
Rv0854	11	3	1,627380546 conserved hypotheticals
Rv1083	11	3	1,627380546 conserved hypotheticals
Rv1194c	11	3	1,627380546 conserved hypotheticals
Rv1766	11	3	1,627380546 conserved hypotheticals
Rv2315c	11	3	1,627380546 conserved hypotheticals
Rv2326c	39	18	1,622724246 cell wall and cell processes
Rv2908c	44	16	1,633810696 conserved hypotheticals
Rv1560	10	5	1,636690624 virulence, detoxification, adaptation
Rv1425	10	5	1,636690624 lipid metabolism
Rv1679	10	5	1,636690624 lipid metabolism
Rv2982c	10	5	1,636690624 lipid metabolism
Rv1536	10	5	1,636690624 information pathways
Rv3894c	10	5	1,636690624 cell wall and cell processes
Rv2651c	10	5	1,636690624 insertion seqs and phages
Rv1569	10	5	1,636690624 intermediary metabolism and respiration

Rv1820	10	5	1,636690624 intermediary metabolism and respiration
Rv1900c	10	5	1,636690624 intermediary metabolism and respiration
Rv2218	10	5	1,636690624 intermediary metabolism and respiration
Rv3232c	10	5	1,636690624 intermediary metabolism and respiration
Rv3302c	10	5	1,636690624 intermediary metabolism and respiration
Rv3548c	10	5	1,636690624 intermediary metabolism and respiration
Rv0744c	10	5	1,636690624 regulatory proteins
Rv1060	10	5	1,636690624 conserved hypotheticals
Rv1171	10	5	1,636690624 conserved hypotheticals
Rv1421	10	5	1,636690624 conserved hypotheticals
Rv3735	10	5	1,636690624 conserved hypotheticals
Rv0718	97	43	1,627981145 information pathways
Rv0309	45	17	1,630005637 cell wall and cell processes
Rv0247c	45	20	1,639528175 intermediary metabolism and respiration
Rv0824c	190	76	1,640713157 lipid metabolism
Rv0733	46	21	1,641688992 intermediary metabolism and respiration
Rv1419	47	21	1,645784964 conserved hypotheticals
Rv3498c	12	4	1,645925945 virulence, detoxification, adaptation
Rv0064	12	4	1,645925945 cell wall and cell processes
Rv0676c	12	4	1,645925945 cell wall and cell processes
Rv2876	12	4	1,645925945 cell wall and cell processes
Rv1576c	12	4	1,645925945 insertion seqs and phages
Rv0280	12	4	1,645925945 PE/PPE
Rv0889c	12	4	1,645925945 intermediary metabolism and respiration
Rv2192c	12	4	1,645925945 intermediary metabolism and respiration
Rv3883c	12	4	1,645925945 intermediary metabolism and respiration
Rv2390c	12	4	1,645925945 conserved hypotheticals
Rv2956	12	4	1,645925945 conserved hypotheticals
Rv3626c	12	4	1,645925945 conserved hypotheticals
Rv3580c	13	4	1,638089557 information pathways
Rv0519c	13	4	1,638089557 cell wall and cell processes
Rv1315	13	4	1,638089557 cell wall and cell processes
Rv1473	13	4	1,638089557 cell wall and cell processes
Rv3695	13	4	1,638089557 cell wall and cell processes

Rv0458	13	4	1,638089557 intermediary metabolism and respiration
Rv1882c	13	4	1,638089557 intermediary metabolism and respiration
Rv3549c	13	4	1,638089557 intermediary metabolism and respiration
Rv3606c	13	4	1,638089557 intermediary metabolism and respiration
Rv0758	13	4	1,638089557 regulatory proteins
Rv2413c	13	4	1,638089557 conserved hypotheticals
Rv3267	13	4	1,638089557 conserved hypotheticals
Rv3311	13	4	1,638089557 conserved hypotheticals
Rv2940c	51	19	1,632535438 lipid metabolism
Rv1097c	12	6	1,638440864 cell wall and cell processes
Rv2963	12	6	1,638440864 cell wall and cell processes
Rv1327c	12	6	1,638440864 intermediary metabolism and respiration
Rv1713	12	6	1,638440864 intermediary metabolism and respiration
Rv1063c	12	6	1,638440864 conserved hypotheticals
Rv1924c	12	6	1,638440864 conserved hypotheticals
Rv3213c	53	20	1,636831152 cell wall and cell processes
Rv1990c	56	21	1,646410104 regulatory proteins
Rv1410c	54	24	1,649009437 cell wall and cell processes
Rv2110c	54	24	1,649009437 intermediary metabolism and respiration
Rv2523c	13	6	1,649489413 lipid metabolism
Rv0012	13	6	1,649489413 cell wall and cell processes
Rv1881c	13	6	1,649489413 cell wall and cell processes
Rv2051c	13	6	1,649489413 cell wall and cell processes
Rv3244c	13	6	1,649489413 cell wall and cell processes
Rv0922	13	6	1,649489413 insertion seqs and phages
Rv0958	13	6	1,649489413 intermediary metabolism and respiration
Rv2112c	13	6	1,649489413 intermediary metabolism and respiration
Rv1423	13	6	1,649489413 regulatory proteins
Rv0609A	13	6	1,649489413 conserved hypotheticals
Rv0628c	13	6	1,649489413 conserved hypotheticals
Rv1422	13	6	1,649489413 conserved hypotheticals
Rv2149c	13	6	1,649489413 conserved hypotheticals
Rv1082	15	5	1,64780107 virulence, detoxification, adaptation
Rv2890c	15	5	1,64780107 information pathways

Rv0102	15	5	1,64780107 cell wall and cell processes
Rv0066c	15	5	1,64780107 intermediary metabolism and respiration
Rv2217	15	5	1,64780107 intermediary metabolism and respiration
Rv2844	15	5	1,64780107 conserved hypotheticals
Rv3300c	15	5	1,64780107 conserved hypotheticals
Rv0588	16	5	1,647946678 virulence, detoxification, adaptation
Rv0470c	16	5	1,647946678 lipid metabolism
Rv0544c	16	5	1,647946678 cell wall and cell processes
Rv2585c	16	5	1,647946678 cell wall and cell processes
Rv3722c	16	5	1,647946678 conserved hypotheticals
Rv2329c	15	7	1,656132542 cell wall and cell processes
Rv0515	15	7	1,656132542 insertion seqs and phages
Rv1121	15	7	1,656132542 intermediary metabolism and respiration
Rv1409	15	7	1,656132542 intermediary metabolism and respiration
Rv1480	15	7	1,656132542 conserved hypotheticals
Rv3046c	15	7	1,656132542 conserved hypotheticals
Rv3774	63	28	1,654907064 lipid metabolism
Rv3679	63	28	1,654907064 cell wall and cell processes
Rv0877	63	28	1,654907064 conserved hypotheticals
Rv1483	17	6	1,661974062 lipid metabolism
Rv0002	17	6	1,661974062 information pathways
Rv3211	17	6	1,661974062 information pathways
Rv3240c	17	6	1,661974062 cell wall and cell processes
Rv3547	17	6	1,661974062 intermediary metabolism and respiration
Rv2580c	18	6	1,660003337 information pathways
Rv3646c	18	6	1,660003337 information pathways
Rv0419	18	6	1,660003337 cell wall and cell processes
Rv1249c	18	6	1,660003337 cell wall and cell processes
Rv3335c	18	6	1,660003337 cell wall and cell processes
Rv0777	18	6	1,660003337 intermediary metabolism and respiration
Rv1248c	18	6	1,660003337 intermediary metabolism and respiration
Rv1606	18	6	1,660003337 intermediary metabolism and respiration
Rv2702	18	6	1,660003337 intermediary metabolism and respiration
Rv3275c	18	6	1,660003337 intermediary metabolism and respiration

Rv0135c	18	6	1,660003337 regulatory proteins
Rv3173c	18	6	1,660003337 regulatory proteins
Rv0185	17	8	1,659158607 conserved hypotheticals
Rv2101	18	8	1,670520891 information pathways
Rv2905	18	8	1,670520891 cell wall and cell processes
Rv3636	18	8	1,670520891 insertion seqs and phages
Rv1074c	20	7	1,670297291 lipid metabolism
Rv2503c	20	7	1,670297291 lipid metabolism
Rv0562	20	7	1,670297291 intermediary metabolism and respiration
Rv1333	20	7	1,670297291 intermediary metabolism and respiration
Rv3009c	19	9	1,6718 information pathways
Rv3287c	19	9	1,6718 information pathways
Rv1224	19	9	1,6718 cell wall and cell processes
Rv0646c	19	9	1,6718 intermediary metabolism and respiration
Rv2068c	19	9	1,6718 intermediary metabolism and respiration
Rv0932c	81	32	1,67062772 cell wall and cell processes
Rv3715c	20	9	1,676139911 information pathways
Rv2782c	20	9	1,676139911 intermediary metabolism and respiration
Rv0168	22	8	1,680572233 virulence, detoxification, adaptation
Rv3158	22	8	1,680572233 intermediary metabolism and respiration
Rv0477	23	8	1,681212706 cell wall and cell processes
Rv2942	23	8	1,681212706 cell wall and cell processes
Rv2419c	23	8	1,681212706 intermediary metabolism and respiration
Rv3716c	23	8	1,681212706 conserved hypotheticals
Rv3782	22	10	1,68428045 cell wall and cell processes
Rv1352	22	10	1,68428045 conserved hypotheticals
Rv3688c	22	10	1,68428045 conserved hypotheticals
Rv1476	24	9	1,690597193 cell wall and cell processes
Rv0285	95	41	1,690597193 PE/PPE
Rv3915	24	9	1,690597193 intermediary metabolism and respiration
Rv3674c	25	9	1,688764437 information pathways
Rv1789	25	9	1,688764437 PE/PPE
Rv1821	24	11	1,691179432 cell wall and cell processes
Rv2975c	24	11	1,691179432 conserved hypotheticals

Rv3258c	24	11	1,691179432 conserved hypotheticals
Rv0483	25	11	1,695883693 cell wall and cell processes
Rv0382c	25	11	1,695883693 intermediary metabolism and respiration
Rv0939	25	11	1,695883693 intermediary metabolism and respiration
Rv2131c	25	11	1,695883693 intermediary metabolism and respiration
Rv2946c	27	10	1,695746688 lipid metabolism
Rv2199c	28	10	1,69704635 cell wall and cell processes
Rv1451	28	10	1,69704635 intermediary metabolism and respiration
Rv3778c	28	10	1,69704635 intermediary metabolism and respiration
Rv2241	27	12	1,699952271 intermediary metabolism and respiration
Rv0282	113	45	1,699472561 cell wall and cell processes
Rv2888c	29	11	1,70352914 intermediary metabolism and respiration
Rv3224	29	11	1,70352914 intermediary metabolism and respiration
Rv3224A	29	11	1,70352914 conserved hypotheticals
Rv2605c	30	11	1,70228501 lipid metabolism
Rv1264	29	13	1,704758824 intermediary metabolism and respiration
Rv1697	30	13	1,709789352 conserved hypotheticals
Rv2154c	32	12	1,709897299 cell wall and cell processes
Rv1391	31	14	1,711381818 intermediary metabolism and respiration
Rv3708c	31	14	1,711381818 intermediary metabolism and respiration
Rv2632c	31	14	1,711381818 conserved hypotheticals
Rv0038	32	14	1,713471134 conserved hypotheticals
Rv3847	34	13	1,715540943 conserved hypotheticals
Rv3283	35	13	1,716038906 intermediary metabolism and respiration
Rv0207c	34	15	1,718302257 conserved hypotheticals
Rv2711	142	57	1,718602613 regulatory proteins
Rv3680	37	14	1,721451286 cell wall and cell processes
Rv3076	36	14	1,721451286 conserved hypotheticals
Rv3376	37	14	1,721451286 conserved hypotheticals
Rv2697c	36	16	1,721563953 intermediary metabolism and respiration
Rv0426c	37	16	1,724602687 cell wall and cell processes
Rv1737c	37	16	1,724602687 cell wall and cell processes
Rv1479	37	16	1,724602687 regulatory proteins
Rv2030c	39	15	1,72392944 conserved hypotheticals

Rv0706	39	17	1,727353294 information pathways
Rv2838c	44	17	1,73585347 information pathways
Rv3043c	46	18	1,740636815 intermediary metabolism and respiration
Rv0242c	51	22	1,75302892 lipid metabolism
Rv2883c	51	22	1,75302892 intermediary metabolism and respiration
Rv0383c	54	21	1,753794016 cell wall and cell processes
Rv3763	60	24	1,764996537 cell wall and cell processes
Rv2239c	60	26	1,765471518 conserved hypotheticals
Rv3001c	61	26	1,766530554 intermediary metabolism and respiration
Rv2195	80	34	1,788425157 intermediary metabolism and respiration
Rv2196	97	39	1,800764401 intermediary metabolism and respiration
Rv2710	106	43	1,80667282 information pathways
Rv2441c	113	46	1,810437063 information pathways
Rv0641	139	59	1,823336421 information pathways
Rv0065	4	2	1,943507258 virulence, detoxification, adaptation
Rv0240	3	1	1,943507258 virulence, detoxification, adaptation
Rv0262c	11	4	1,943507258 virulence, detoxification, adaptation
Rv0300	58	24	1,943507258 virulence, detoxification, adaptation
Rv0456A	0	0	1,943507258 virulence, detoxification, adaptation
Rv0549c	5	2	1,943507258 virulence, detoxification, adaptation
Rv0550c	7	3	1,943507258 virulence, detoxification, adaptation
Rv0590A	0	0	1,943507258 virulence, detoxification, adaptation
Rv0591	0	0	1,943507258 virulence, detoxification, adaptation
Rv0592	1	0	1,943507258 virulence, detoxification, adaptation
Rv0595c	2	0	1,943507258 virulence, detoxification, adaptation
Rv0634c	30	12	1,943507258 virulence, detoxification, adaptation
Rv0656c	2	1	1,943507258 virulence, detoxification, adaptation
Rv0661c	1	0	1,943507258 virulence, detoxification, adaptation
Rv0662c	1	0	1,943507258 virulence, detoxification, adaptation
Rv0748	5	2	1,943507258 virulence, detoxification, adaptation
Rv1124	7	2	1,943507258 virulence, detoxification, adaptation
Rv1242	3	1	1,943507258 virulence, detoxification, adaptation
Rv1246c	2	0	1,943507258 virulence, detoxification, adaptation
Rv1477	19	7	1,943507258 virulence, detoxification, adaptation

Rv1494	4	1	1,943507258 virulence, detoxification, adaptation
Rv1495	2	0	1,943507258 virulence, detoxification, adaptation
Rv1563c	2	1	1,943507258 virulence, detoxification, adaptation
Rv1564c	4	2	1,943507258 virulence, detoxification, adaptation
Rv1720c	1	0	1,943507258 virulence, detoxification, adaptation
Rv1721c	2	1	1,943507258 virulence, detoxification, adaptation
Rv1740	9	4	1,943507258 virulence, detoxification, adaptation
Rv1901	9	4	1,943507258 virulence, detoxification, adaptation
Rv1955	2	1	1,943507258 virulence, detoxification, adaptation
Rv1962c	3	1	1,943507258 virulence, detoxification, adaptation
Rv1964	2	0	1,943507258 virulence, detoxification, adaptation
Rv1966	1	0	1,943507258 virulence, detoxification, adaptation
Rv1967	0	0	1,943507258 virulence, detoxification, adaptation
Rv1968	0	0	1,943507258 virulence, detoxification, adaptation
Rv1969	0	0	1,943507258 virulence, detoxification, adaptation
Rv1971	1	0	1,943507258 virulence, detoxification, adaptation
Rv2006	3	1	1,943507258 virulence, detoxification, adaptation
Rv2063	6	2	1,943507258 virulence, detoxification, adaptation
Rv2142c	3	1	1,943507258 virulence, detoxification, adaptation
Rv2274c	1	0	1,943507258 virulence, detoxification, adaptation
Rv2299c	15	6	1,943507258 virulence, detoxification, adaptation
Rv2319c	2	1	1,943507258 virulence, detoxification, adaptation
Rv2416c	2	1	1,943507258 virulence, detoxification, adaptation
Rv2428	4	1	1,943507258 virulence, detoxification, adaptation
Rv2429	3	1	1,943507258 virulence, detoxification, adaptation
Rv2526	2	0	1,943507258 virulence, detoxification, adaptation
Rv2545	0	0	1,943507258 virulence, detoxification, adaptation
Rv2548	2	1	1,943507258 virulence, detoxification, adaptation
Rv2549c	4	2	1,943507258 virulence, detoxification, adaptation
Rv2758c	0	0	1,943507258 virulence, detoxification, adaptation
Rv2759c	4	1	1,943507258 virulence, detoxification, adaptation
Rv2863	0	0	1,943507258 virulence, detoxification, adaptation
Rv2866	1	0	1,943507258 virulence, detoxification, adaptation
Rv2872	2	0	1,943507258 virulence, detoxification, adaptation

Rv3063	3	1	1,943507258 virulence, detoxification, adaptation
Rv3082c	1	0	1,943507258 virulence, detoxification, adaptation
Rv3168	2	1	1,943507258 virulence, detoxification, adaptation
Rv3171c	38	15	1,943507258 virulence, detoxification, adaptation
Rv3176c	2	1	1,943507258 virulence, detoxification, adaptation
Rv3177	0	0	1,943507258 virulence, detoxification, adaptation
Rv3358	2	0	1,943507258 virulence, detoxification, adaptation
Rv3372	4	1	1,943507258 virulence, detoxification, adaptation
Rv3384c	4	2	1,943507258 virulence, detoxification, adaptation
Rv3417c	11	4	1,943507258 virulence, detoxification, adaptation
Rv3473c	0	0	1,943507258 virulence, detoxification, adaptation
Rv3497c	8	3	1,943507258 virulence, detoxification, adaptation
Rv3617	7	3	1,943507258 virulence, detoxification, adaptation
Rv3660c	4	2	1,943507258 virulence, detoxification, adaptation
Rv3670	2	0	1,943507258 virulence, detoxification, adaptation
Rv3756c	15	6	1,943507258 virulence, detoxification, adaptation
Rv0045c	8	3	1,943507258 lipid metabolism
Rv0088	23	9	1,943507258 lipid metabolism
Rv0098	3	1	1,943507258 lipid metabolism
Rv0131c	2	0	1,943507258 lipid metabolism
Rv0214	2	0	1,943507258 lipid metabolism
Rv0215c	4	1	1,943507258 lipid metabolism
Rv0230c	6	2	1,943507258 lipid metabolism
Rv0456c	1	0	1,943507258 lipid metabolism
Rv0551c	5	2	1,943507258 lipid metabolism
Rv0557	4	2	1,943507258 lipid metabolism
Rv0649	0	0	1,943507258 lipid metabolism
Rv0726c	7	2	1,943507258 lipid metabolism
Rv0731c	2	0	1,943507258 lipid metabolism
Rv0830	3	1	1,943507258 lipid metabolism
Rv0852	1	0	1,943507258 lipid metabolism
Rv0873	23	9	1,943507258 lipid metabolism
Rv0893c	2	1	1,943507258 lipid metabolism
Rv0895	1	0	1,943507258 lipid metabolism

Rv0904c	1	0	1,943507258 lipid metabolism
Rv0971c	3	1	1,943507258 lipid metabolism
Rv0973c	2	1	1,943507258 lipid metabolism
Rv0974c	2	1	1,943507258 lipid metabolism
Rv0975c	3	1	1,943507258 lipid metabolism
Rv1135A	1	0	1,943507258 lipid metabolism
Rv1136	0	0	1,943507258 lipid metabolism
Rv1141c	2	1	1,943507258 lipid metabolism
Rv1142c	19	7	1,943507258 lipid metabolism
Rv1143	4	2	1,943507258 lipid metabolism
Rv1153c	2	0	1,943507258 lipid metabolism
Rv1175c	5	2	1,943507258 lipid metabolism
Rv1344	14	6	1,943507258 lipid metabolism
Rv1347c	1	0	1,943507258 lipid metabolism
Rv1427c	3	1	1,943507258 lipid metabolism
Rv1467c	3	1	1,943507258 lipid metabolism
Rv1492	6	2	1,943507258 lipid metabolism
Rv1493	6	2	1,943507258 lipid metabolism
Rv1527c	5	2	1,943507258 lipid metabolism
Rv1549	2	0	1,943507258 lipid metabolism
Rv1551	1	0	1,943507258 lipid metabolism
Rv1660	4	1	1,943507258 lipid metabolism
Rv1664	4	2	1,943507258 lipid metabolism
Rv1715	1	0	1,943507258 lipid metabolism
Rv1722	2	1	1,943507258 lipid metabolism
Rv1729c	1	0	1,943507258 lipid metabolism
Rv1750c	2	1	1,943507258 lipid metabolism
Rv1760	2	1	1,943507258 lipid metabolism
Rv1866	1	0	1,943507258 lipid metabolism
Rv1867	2	1	1,943507258 lipid metabolism
Rv1933c	0	0	1,943507258 lipid metabolism
Rv1934c	0	0	1,943507258 lipid metabolism
Rv1935c	1	0	1,943507258 lipid metabolism
Rv2002	7	2	1,943507258 lipid metabolism

Rv2173	4	2	1,943507258 lipid metabolism
Rv2187	6	2	1,943507258 lipid metabolism
Rv2252	1	0	1,943507258 lipid metabolism
Rv2285	4	1	1,943507258 lipid metabolism
Rv2378c	1	0	1,943507258 lipid metabolism
Rv2379c	2	0	1,943507258 lipid metabolism
Rv2380c	2	1	1,943507258 lipid metabolism
Rv2384	1	0	1,943507258 lipid metabolism
Rv2385	1	0	1,943507258 lipid metabolism
Rv2386c	1	0	1,943507258 lipid metabolism
Rv2484c	13	5	1,943507258 lipid metabolism
Rv2486	2	0	1,943507258 lipid metabolism
Rv2501c	11	4	1,943507258 lipid metabolism
Rv2505c	2	1	1,943507258 lipid metabolism
Rv2524c	14	5	1,943507258 lipid metabolism
Rv2831	2	1	1,943507258 lipid metabolism
Rv2932	7	2	1,943507258 lipid metabolism
Rv3087	3	1	1,943507258 lipid metabolism
Rv3088	2	1	1,943507258 lipid metabolism
Rv3089	2	1	1,943507258 lipid metabolism
Rv3280	16	7	1,943507258 lipid metabolism
Rv3373	4	1	1,943507258 lipid metabolism
Rv3374	7	2	1,943507258 lipid metabolism
Rv3391	2	1	1,943507258 lipid metabolism
Rv3398c	1	0	1,943507258 lipid metabolism
Rv3504	4	1	1,943507258 lipid metabolism
Rv3505	6	2	1,943507258 lipid metabolism
Rv3506	0	0	1,943507258 lipid metabolism
Rv3513c	3	1	1,943507258 lipid metabolism
Rv3515c	2	1	1,943507258 lipid metabolism
Rv3516	4	1	1,943507258 lipid metabolism
Rv3522	1	0	1,943507258 lipid metabolism
Rv3543c	4	2	1,943507258 lipid metabolism
Rv3550	3	1	1,943507258 lipid metabolism

Rv3562	3	1	1,943507258 lipid metabolism
Rv3563	2	0	1,943507258 lipid metabolism
Rv3564	2	1	1,943507258 lipid metabolism
Rv3573c	2	1	1,943507258 lipid metabolism
Rv3720	12	5	1,943507258 lipid metabolism
Rv3790	2	1	1,943507258 lipid metabolism
Rv3797	1	0	1,943507258 lipid metabolism
Rv3801c	27	11	1,943507258 lipid metabolism
Rv3820c	2	0	1,943507258 lipid metabolism
Rv0001	3	1	1,943507258 information pathways
Rv0041	9	3	1,943507258 information pathways
Rv0071	2	0	1,943507258 information pathways
Rv0105c	0	0	1,943507258 information pathways
Rv0182c	9	4	1,943507258 information pathways
Rv0427c	6	2	1,943507258 information pathways
Rv0429c	4	1	1,943507258 information pathways
Rv0444c	13	5	1,943507258 information pathways
Rv0630c	2	1	1,943507258 information pathways
Rv0651	17	7	1,943507258 information pathways
Rv0721	181	76	1,943507258 information pathways
Rv0736	2	1	1,943507258 information pathways
Rv0938	19	7	1,943507258 information pathways
Rv0944	2	1	1,943507258 information pathways
Rv0949	8	3	1,943507258 information pathways
Rv1007c	7	2	1,943507258 information pathways
Rv1020	7	3	1,943507258 information pathways
Rv1292	4	2	1,943507258 information pathways
Rv1365c	4	1	1,943507258 information pathways
Rv1406	2	0	1,943507258 information pathways
Rv1407	4	2	1,943507258 information pathways
Rv1420	13	5	1,943507258 information pathways
Rv1547	10	4	1,943507258 information pathways
Rv1629	4	2	1,943507258 information pathways
Rv1640c	4	1	1,943507258 information pathways

Rv1688	2	0	1,943507258 information pathways
Rv2055c	2	0	1,943507258 information pathways
Rv2056c	0	0	1,943507258 information pathways
Rv2057c	1	0	1,943507258 information pathways
Rv2058c	2	0	1,943507258 information pathways
Rv2090	1	0	1,943507258 information pathways
Rv2191	1	0	1,943507258 information pathways
Rv2464c	6	2	1,943507258 information pathways
Rv2528c	0	0	1,943507258 information pathways
Rv2534c	11	4	1,943507258 information pathways
Rv2555c	73	30	1,943507258 information pathways
Rv2572c	9	3	1,943507258 information pathways
Rv2582	3	1	1,943507258 information pathways
Rv2592c	9	3	1,943507258 information pathways
Rv2614c	14	5	1,943507258 information pathways
Rv2755c	4	2	1,943507258 information pathways
Rv2756c	9	3	1,943507258 information pathways
Rv2761c	4	2	1,943507258 information pathways
Rv2839c	34	14	1,943507258 information pathways
Rv2882c	34	14	1,943507258 information pathways
Rv2889c	30	12	1,943507258 information pathways
Rv2924c	3	1	1,943507258 information pathways
Rv2973c	2	0	1,943507258 information pathways
Rv2976c	7	2	1,943507258 information pathways
Rv2992c	8	3	1,943507258 information pathways
Rv3012c	2	1	1,943507258 information pathways
Rv3014c	6	2	1,943507258 information pathways
Rv3056	2	1	1,943507258 information pathways
Rv3062	4	1	1,943507258 information pathways
Rv3105c	9	3	1,943507258 information pathways
Rv3201c	3	1	1,943507258 information pathways
Rv3202c	3	1	1,943507258 information pathways
Rv3263	2	0	1,943507258 information pathways
Rv3286c	5	2	1,943507258 information pathways

Rv3296	2	1	1,943507258 information pathways
Rv3366	1	0	1,943507258 information pathways
Rv3370c	2	1	1,943507258 information pathways
Rv3462c	227	95	1,943507258 information pathways
Rv3589	3	1	1,943507258 information pathways
Rv3644c	4	2	1,943507258 information pathways
Rv3649	2	1	1,943507258 information pathways
Rv3731	4	1	1,943507258 information pathways
Rv3908	11	5	1,943507258 information pathways
Rv3911	1	0	1,943507258 information pathways
Rv0008c	5	2	1,943507258 cell wall and cell processes
Rv0016c	9	4	1,943507258 cell wall and cell processes
Rv0050	21	8	1,943507258 cell wall and cell processes
Rv0076c	2	0	1,943507258 cell wall and cell processes
Rv0092	4	2	1,943507258 cell wall and cell processes
Rv0093c	4	2	1,943507258 cell wall and cell processes
Rv0103c	20	8	1,943507258 cell wall and cell processes
Rv0112	3	1	1,943507258 cell wall and cell processes
Rv0128	6	2	1,943507258 cell wall and cell processes
Rv0178	27	11	1,943507258 cell wall and cell processes
Rv0192A	0	0	1,943507258 cell wall and cell processes
Rv0194	1	0	1,943507258 cell wall and cell processes
Rv0200	9	4	1,943507258 cell wall and cell processes
Rv0204c	8	3	1,943507258 cell wall and cell processes
Rv0225	11	4	1,943507258 cell wall and cell processes
Rv0226c	4	2	1,943507258 cell wall and cell processes
Rv0236c	6	2	1,943507258 cell wall and cell processes
Rv0261c	0	0	1,943507258 cell wall and cell processes
Rv0267	1	0	1,943507258 cell wall and cell processes
Rv0320	1	0	1,943507258 cell wall and cell processes
Rv0344c	2	0	1,943507258 cell wall and cell processes
Rv0347	7	2	1,943507258 cell wall and cell processes
Rv0359	4	2	1,943507258 cell wall and cell processes
Rv0361	14	5	1,943507258 cell wall and cell processes

Rv0362	1	0	1,943507258 cell wall and cell processes
Rv0398c	6	2	1,943507258 cell wall and cell processes
Rv0399c	3	1	1,943507258 cell wall and cell processes
Rv0402c	2	1	1,943507258 cell wall and cell processes
Rv0446c	11	4	1,943507258 cell wall and cell processes
Rv0488	0	0	1,943507258 cell wall and cell processes
Rv0522	5	2	1,943507258 cell wall and cell processes
Rv0528	9	4	1,943507258 cell wall and cell processes
Rv0538	4	1	1,943507258 cell wall and cell processes
Rv0556	21	8	1,943507258 cell wall and cell processes
Rv0584	1	0	1,943507258 cell wall and cell processes
Rv0585c	1	0	1,943507258 cell wall and cell processes
Rv0593	1	0	1,943507258 cell wall and cell processes
Rv0603	0	0	1,943507258 cell wall and cell processes
Rv0621	4	1	1,943507258 cell wall and cell processes
Rv0622	2	0	1,943507258 cell wall and cell processes
Rv0625c	4	2	1,943507258 cell wall and cell processes
Rv0666	2	1	1,943507258 cell wall and cell processes
Rv0671	4	2	1,943507258 cell wall and cell processes
Rv0680c	2	1	1,943507258 cell wall and cell processes
Rv0713	4	1	1,943507258 cell wall and cell processes
Rv0779c	1	0	1,943507258 cell wall and cell processes
Rv0783c	5	2	1,943507258 cell wall and cell processes
Rv0817c	2	1	1,943507258 cell wall and cell processes
Rv0820	7	3	1,943507258 cell wall and cell processes
Rv0835	2	1	1,943507258 cell wall and cell processes
Rv0841	1	0	1,943507258 cell wall and cell processes
Rv0842	3	1	1,943507258 cell wall and cell processes
Rv0867c	5	2	1,943507258 cell wall and cell processes
Rv0882	3	1	1,943507258 cell wall and cell processes
Rv0888	3	1	1,943507258 cell wall and cell processes
Rv0899	2	1	1,943507258 cell wall and cell processes
Rv0907	4	2	1,943507258 cell wall and cell processes
Rv0908	8	3	1,943507258 cell wall and cell processes

Rv0917	3	1	1,943507258 cell wall and cell processes
Rv0930	4	1	1,943507258 cell wall and cell processes
Rv0962c	1	0	1,943507258 cell wall and cell processes
Rv0986	2	0	1,943507258 cell wall and cell processes
Rv1002c	6	2	1,943507258 cell wall and cell processes
Rv1028A	0	0	1,943507258 cell wall and cell processes
Rv1038c	9	3	1,943507258 cell wall and cell processes
Rv1064c	4	2	1,943507258 cell wall and cell processes
Rv1075c	2	0	1,943507258 cell wall and cell processes
Rv1081c	3	1	1,943507258 cell wall and cell processes
Rv1087A	1	0	1,943507258 cell wall and cell processes
Rv1101c	7	2	1,943507258 cell wall and cell processes
Rv1115	1	0	1,943507258 cell wall and cell processes
Rv1140	11	4	1,943507258 cell wall and cell processes
Rv1145	1	0	1,943507258 cell wall and cell processes
Rv1146	2	1	1,943507258 cell wall and cell processes
Rv1200	3	1	1,943507258 cell wall and cell processes
Rv1226c	7	2	1,943507258 cell wall and cell processes
Rv1236	6	2	1,943507258 cell wall and cell processes
Rv1237	4	2	1,943507258 cell wall and cell processes
Rv1244	7	3	1,943507258 cell wall and cell processes
Rv1250	4	1	1,943507258 cell wall and cell processes
Rv1270c	4	2	1,943507258 cell wall and cell processes
Rv1271c	1	0	1,943507258 cell wall and cell processes
Rv1272c	3	1	1,943507258 cell wall and cell processes
Rv1281c	9	3	1,943507258 cell wall and cell processes
Rv1291c	0	0	1,943507258 cell wall and cell processes
Rv1338	8	3	1,943507258 cell wall and cell processes
Rv1342c	9	4	1,943507258 cell wall and cell processes
Rv1343c	4	1	1,943507258 cell wall and cell processes
Rv1371	0	0	1,943507258 cell wall and cell processes
Rv1401	9	4	1,943507258 cell wall and cell processes
Rv1411c	38	16	1,943507258 cell wall and cell processes
Rv1431	2	1	1,943507258 cell wall and cell processes

Rv1457c	7	2	1,943507258 cell wall and cell processes
Rv1459c	5	2	1,943507258 cell wall and cell processes
Rv1469	3	1	1,943507258 cell wall and cell processes
Rv1481	16	7	1,943507258 cell wall and cell processes
Rv1490	1	0	1,943507258 cell wall and cell processes
Rv1510	3	1	1,943507258 cell wall and cell processes
Rv1517	2	1	1,943507258 cell wall and cell processes
Rv1522c	4	1	1,943507258 cell wall and cell processes
Rv1541c	2	0	1,943507258 cell wall and cell processes
Rv1607	7	3	1,943507258 cell wall and cell processes
Rv1635c	5	2	1,943507258 cell wall and cell processes
Rv1667c	3	1	1,943507258 cell wall and cell processes
Rv1671	3	1	1,943507258 cell wall and cell processes
Rv1686c	3	1	1,943507258 cell wall and cell processes
Rv1704c	8	3	1,943507258 cell wall and cell processes
Rv1707	9	3	1,943507258 cell wall and cell processes
Rv1708	7	2	1,943507258 cell wall and cell processes
Rv1710	9	4	1,943507258 cell wall and cell processes
Rv1730c	2	0	1,943507258 cell wall and cell processes
Rv1735c	0	0	1,943507258 cell wall and cell processes
Rv1744c	1	0	1,943507258 cell wall and cell processes
Rv1758	0	0	1,943507258 cell wall and cell processes
Rv1761c	3	1	1,943507258 cell wall and cell processes
Rv1779c	19	7	1,943507258 cell wall and cell processes
Rv1798	23	10	1,943507258 cell wall and cell processes
Rv1811	11	4	1,943507258 cell wall and cell processes
Rv1819c	2	0	1,943507258 cell wall and cell processes
Rv1841c	11	4	1,943507258 cell wall and cell processes
Rv1845c	28	11	1,943507258 cell wall and cell processes
Rv1858	2	1	1,943507258 cell wall and cell processes
Rv1877	6	2	1,943507258 cell wall and cell processes
Rv1902c	3	1	1,943507258 cell wall and cell processes
Rv1903	3	1	1,943507258 cell wall and cell processes
Rv1921c	0	0	1,943507258 cell wall and cell processes

Rv1922	2	1	1,943507258 cell wall and cell processes
Rv1946c	1	0	1,943507258 cell wall and cell processes
Rv1970	0	0	1,943507258 cell wall and cell processes
Rv1973	0	0	1,943507258 cell wall and cell processes
Rv1974	0	0	1,943507258 cell wall and cell processes
Rv1979c	3	1	1,943507258 cell wall and cell processes
Rv1980c	28	12	1,943507258 cell wall and cell processes
Rv1986	4	1	1,943507258 cell wall and cell processes
Rv1999c	1	0	1,943507258 cell wall and cell processes
Rv2025c	2	0	1,943507258 cell wall and cell processes
Rv2037c	6	2	1,943507258 cell wall and cell processes
Rv2038c	4	1	1,943507258 cell wall and cell processes
Rv2040c	3	1	1,943507258 cell wall and cell processes
Rv2060	0	0	1,943507258 cell wall and cell processes
Rv2075c	2	1	1,943507258 cell wall and cell processes
Rv2091c	45	19	1,943507258 cell wall and cell processes
Rv2116	0	0	1,943507258 cell wall and cell processes
Rv2138	4	2	1,943507258 cell wall and cell processes
Rv2153c	8	3	1,943507258 cell wall and cell processes
Rv2157c	7	3	1,943507258 cell wall and cell processes
Rv2171	4	1	1,943507258 cell wall and cell processes
Rv2203	3	1	1,943507258 cell wall and cell processes
Rv2223c	4	2	1,943507258 cell wall and cell processes
Rv2235	5	2	1,943507258 cell wall and cell processes
Rv2253	1	0	1,943507258 cell wall and cell processes
Rv2254c	3	1	1,943507258 cell wall and cell processes
Rv2265	1	0	1,943507258 cell wall and cell processes
Rv2270	0	0	1,943507258 cell wall and cell processes
Rv2272	11	5	1,943507258 cell wall and cell processes
Rv2281	2	1	1,943507258 cell wall and cell processes
Rv2287	4	1	1,943507258 cell wall and cell processes
Rv2301	8	3	1,943507258 cell wall and cell processes
Rv2306A	2	1	1,943507258 cell wall and cell processes
Rv2306B	0	0	1,943507258 cell wall and cell processes

Rv2316	2	0	1,943507258 cell wall and cell processes
Rv2320c	2	1	1,943507258 cell wall and cell processes
Rv2361c	5	2	1,943507258 cell wall and cell processes
Rv2395	6	2	1,943507258 cell wall and cell processes
Rv2437	1	0	1,943507258 cell wall and cell processes
Rv2443	6	2	1,943507258 cell wall and cell processes
Rv2450c	3	1	1,943507258 cell wall and cell processes
Rv2508c	5	2	1,943507258 cell wall and cell processes
Rv2543	1	0	1,943507258 cell wall and cell processes
Rv2544	0	0	1,943507258 cell wall and cell processes
Rv2563	5	2	1,943507258 cell wall and cell processes
Rv2597	5	2	1,943507258 cell wall and cell processes
Rv2673	7	3	1,943507258 cell wall and cell processes
Rv2684	4	1	1,943507258 cell wall and cell processes
Rv2686c	2	0	1,943507258 cell wall and cell processes
Rv2688c	4	2	1,943507258 cell wall and cell processes
Rv2690c	7	2	1,943507258 cell wall and cell processes
Rv2700	2	1	1,943507258 cell wall and cell processes
Rv2709	19	7	1,943507258 cell wall and cell processes
Rv2723	1	0	1,943507258 cell wall and cell processes
Rv2729c	23	10	1,943507258 cell wall and cell processes
Rv2767c	1	0	1,943507258 cell wall and cell processes
Rv2796c	11	4	1,943507258 cell wall and cell processes
Rv2806	1	0	1,943507258 cell wall and cell processes
Rv2833c	0	0	1,943507258 cell wall and cell processes
Rv2835c	1	0	1,943507258 cell wall and cell processes
Rv2843	4	1	1,943507258 cell wall and cell processes
Rv2869c	20	8	1,943507258 cell wall and cell processes
Rv2873	4	1	1,943507258 cell wall and cell processes
Rv2877c	4	2	1,943507258 cell wall and cell processes
Rv2911	1	0	1,943507258 cell wall and cell processes
Rv2916c	19	7	1,943507258 cell wall and cell processes
Rv2972c	0	0	1,943507258 cell wall and cell processes
Rv2981c	7	3	1,943507258 cell wall and cell processes

Rv2994	5	2	1,943507258 cell wall and cell processes
Rv3000	2	1	1,943507258 cell wall and cell processes
Rv3004	7	2	1,943507258 cell wall and cell processes
Rv3016	7	3	1,943507258 cell wall and cell processes
Rv3017c	7	3	1,943507258 cell wall and cell processes
Rv3036c	4	1	1,943507258 cell wall and cell processes
Rv3044	10	4	1,943507258 cell wall and cell processes
Rv3064c	1	0	1,943507258 cell wall and cell processes
Rv3065	10	4	1,943507258 cell wall and cell processes
Rv3101c	6	2	1,943507258 cell wall and cell processes
Rv3239c	4	2	1,943507258 cell wall and cell processes
Rv3253c	3	1	1,943507258 cell wall and cell processes
Rv3270	36	15	1,943507258 cell wall and cell processes
Rv3278c	2	0	1,943507258 cell wall and cell processes
Rv3301c	39	16	1,943507258 cell wall and cell processes
Rv3310	4	1	1,943507258 cell wall and cell processes
Rv3330	6	2	1,943507258 cell wall and cell processes
Rv3395A	0	0	1,943507258 cell wall and cell processes
Rv3434c	2	1	1,943507258 cell wall and cell processes
Rv3444c	1	0	1,943507258 cell wall and cell processes
Rv3445c	4	1	1,943507258 cell wall and cell processes
Rv3447c	0	0	1,943507258 cell wall and cell processes
Rv3448	0	0	1,943507258 cell wall and cell processes
Rv3450c	4	2	1,943507258 cell wall and cell processes
Rv3453	1	0	1,943507258 cell wall and cell processes
Rv3454	0	0	1,943507258 cell wall and cell processes
Rv3483c	11	5	1,943507258 cell wall and cell processes
Rv3576	6	2	1,943507258 cell wall and cell processes
Rv3584	9	4	1,943507258 cell wall and cell processes
Rv3605c	27	11	1,943507258 cell wall and cell processes
Rv3625c	5	2	1,943507258 cell wall and cell processes
Rv3629c	5	2	1,943507258 cell wall and cell processes
Rv3630	7	2	1,943507258 cell wall and cell processes
Rv3635	2	0	1,943507258 cell wall and cell processes

Rv3658c	4	1	1,943507258 cell wall and cell processes
Rv3663c	2	1	1,943507258 cell wall and cell processes
Rv3665c	2	0	1,943507258 cell wall and cell processes
Rv3666c	2	1	1,943507258 cell wall and cell processes
Rv3669	11	4	1,943507258 cell wall and cell processes
Rv3682	23	9	1,943507258 cell wall and cell processes
Rv3693	5	2	1,943507258 cell wall and cell processes
Rv3724B	3	1	1,943507258 cell wall and cell processes
Rv3728	2	1	1,943507258 cell wall and cell processes
Rv3737	6	2	1,943507258 cell wall and cell processes
Rv3781	7	3	1,943507258 cell wall and cell processes
Rv3783	8	3	1,943507258 cell wall and cell processes
Rv3789	3	1	1,943507258 cell wall and cell processes
Rv3792	5	2	1,943507258 cell wall and cell processes
Rv3793	5	2	1,943507258 cell wall and cell processes
Rv3794	14	6	1,943507258 cell wall and cell processes
Rv3809c	2	1	1,943507258 cell wall and cell processes
Rv3821	12	5	1,943507258 cell wall and cell processes
Rv3848	4	2	1,943507258 cell wall and cell processes
Rv3871	32	13	1,943507258 cell wall and cell processes
Rv3888c	4	2	1,943507258 cell wall and cell processes
Rv3889c	4	2	1,943507258 cell wall and cell processes
Rv3895c	7	3	1,943507258 cell wall and cell processes
Rv3910	14	5	1,943507258 cell wall and cell processes
Rv0031	1	0	1,943507258 insertion seqs and phages
Rv0094c	0	0	1,943507258 insertion seqs and phages
Rv0393	1	0	1,943507258 insertion seqs and phages
Rv0397	0	0	1,943507258 insertion seqs and phages
Rv0796	1	0	1,943507258 insertion seqs and phages
Rv0797	1	0	1,943507258 insertion seqs and phages
Rv0920c	2	1	1,943507258 insertion seqs and phages
Rv1034c	0	0	1,943507258 insertion seqs and phages
Rv1035c	0	0	1,943507258 insertion seqs and phages
Rv1047	1	0	1,943507258 insertion seqs and phages

Rv1128c	2	1	1,943507258 insertion seqs and phages
Rv1199c	0	0	1,943507258 insertion seqs and phages
Rv1313c	1	0	1,943507258 insertion seqs and phages
Rv1369c	0	0	1,943507258 insertion seqs and phages
Rv1573	0	0	1,943507258 insertion seqs and phages
Rv1574	0	0	1,943507258 insertion seqs and phages
Rv1575	0	0	1,943507258 insertion seqs and phages
Rv1579c	0	0	1,943507258 insertion seqs and phages
Rv1580c	1	0	1,943507258 insertion seqs and phages
Rv1581c	0	0	1,943507258 insertion seqs and phages
Rv1582c	1	0	1,943507258 insertion seqs and phages
Rv1583c	3	1	1,943507258 insertion seqs and phages
Rv1584c	2	1	1,943507258 insertion seqs and phages
Rv1586c	5	2	1,943507258 insertion seqs and phages
Rv1587c	0	0	1,943507258 insertion seqs and phages
Rv1588c	7	3	1,943507258 insertion seqs and phages
Rv1702c	0	0	1,943507258 insertion seqs and phages
Rv1756c	0	0	1,943507258 insertion seqs and phages
Rv1757c	2	1	1,943507258 insertion seqs and phages
Rv1764	1	0	1,943507258 insertion seqs and phages
Rv1765A	0	0	1,943507258 insertion seqs and phages
Rv2013	0	0	1,943507258 insertion seqs and phages
Rv2014	0	0	1,943507258 insertion seqs and phages
Rv2085	7	2	1,943507258 insertion seqs and phages
Rv2086	0	0	1,943507258 insertion seqs and phages
Rv2087	1	0	1,943507258 insertion seqs and phages
Rv2100	1	0	1,943507258 insertion seqs and phages
Rv2106	1	0	1,943507258 insertion seqs and phages
Rv2167c	0	0	1,943507258 insertion seqs and phages
Rv2168c	2	1	1,943507258 insertion seqs and phages
Rv2278	9	3	1,943507258 insertion seqs and phages
Rv2279	1	0	1,943507258 insertion seqs and phages
Rv2310	0	0	1,943507258 insertion seqs and phages
Rv2354	6	2	1,943507258 insertion seqs and phages

Rv2355	0	0	1,943507258 insertion seqs and phages
Rv2479c	0	0	1,943507258 insertion seqs and phages
Rv2512c	0	0	1,943507258 insertion seqs and phages
Rv2647	2	0	1,943507258 insertion seqs and phages
Rv2649	0	0	1,943507258 insertion seqs and phages
Rv2652c	1	0	1,943507258 insertion seqs and phages
Rv2653c	0	0	1,943507258 insertion seqs and phages
Rv2654c	0	0	1,943507258 insertion seqs and phages
Rv2655c	2	0	1,943507258 insertion seqs and phages
Rv2656c	1	0	1,943507258 insertion seqs and phages
Rv2666	1	0	1,943507258 insertion seqs and phages
Rv2810c	3	1	1,943507258 insertion seqs and phages
Rv2812	0	0	1,943507258 insertion seqs and phages
Rv2814c	0	0	1,943507258 insertion seqs and phages
Rv2815c	4	1	1,943507258 insertion seqs and phages
Rv2894c	10	4	1,943507258 insertion seqs and phages
Rv2943	3	1	1,943507258 insertion seqs and phages
Rv2961	0	0	1,943507258 insertion seqs and phages
Rv3023c	0	0	1,943507258 insertion seqs and phages
Rv3115	1	0	1,943507258 insertion seqs and phages
Rv3185	1	0	1,943507258 insertion seqs and phages
Rv3187	1	0	1,943507258 insertion seqs and phages
Rv3191c	0	0	1,943507258 insertion seqs and phages
Rv3326	1	0	1,943507258 insertion seqs and phages
Rv3327	1	0	1,943507258 insertion seqs and phages
Rv3348	3	1	1,943507258 insertion seqs and phages
Rv3349c	1	0	1,943507258 insertion seqs and phages
Rv3380c	0	0	1,943507258 insertion seqs and phages
Rv3387	1	0	1,943507258 insertion seqs and phages
Rv3427c	0	0	1,943507258 insertion seqs and phages
Rv3428c	1	0	1,943507258 insertion seqs and phages
Rv3466	4	2	1,943507258 insertion seqs and phages
Rv3467	0	0	1,943507258 insertion seqs and phages
Rv3475	1	0	1,943507258 insertion seqs and phages

Rv3637	0	0	1,943507258 insertion seqs and phages
Rv3638	0	0	1,943507258 insertion seqs and phages
Rv3640c	0	0	1,943507258 insertion seqs and phages
Rv3751	1	0	1,943507258 insertion seqs and phages
Rv3798	6	2	1,943507258 insertion seqs and phages
Rv0096	1	0	1,943507258 PE/PPE
Rv0109	3	1	1,943507258 PE/PPE
Rv0124	0	0	1,943507258 PE/PPE
Rv0151c	1	0	1,943507258 PE/PPE
Rv0152c	0	0	1,943507258 PE/PPE
Rv0159c	1	0	1,943507258 PE/PPE
Rv0160c	0	0	1,943507258 PE/PPE
Rv0256c	4	1	1,943507258 PE/PPE
Rv0278c	1	0	1,943507258 PE/PPE
Rv0279c	2	0	1,943507258 PE/PPE
Rv0297	7	3	1,943507258 PE/PPE
Rv0304c	0	0	1,943507258 PE/PPE
Rv0335c	0	0	1,943507258 PE/PPE
Rv0354c	0	0	1,943507258 PE/PPE
Rv0355c	1	0	1,943507258 PE/PPE
Rv0388c	0	0	1,943507258 PE/PPE
Rv0453	1	0	1,943507258 PE/PPE
Rv0532	7	3	1,943507258 PE/PPE
Rv0746	2	0	1,943507258 PE/PPE
Rv0747	4	2	1,943507258 PE/PPE
Rv0832	2	1	1,943507258 PE/PPE
Rv0833	4	1	1,943507258 PE/PPE
Rv0915c	2	0	1,943507258 PE/PPE
Rv0916c	1	0	1,943507258 PE/PPE
Rv0977	2	1	1,943507258 PE/PPE
Rv0978c	0	0	1,943507258 PE/PPE
Rv0980c	1	0	1,943507258 PE/PPE
Rv1039c	1	0	1,943507258 PE/PPE
Rv1040c	1	0	1,943507258 PE/PPE

Rv1067c	1	0	1,943507258 PE/PPE
Rv1068c	1	0	1,943507258 PE/PPE
Rv1087	5	2	1,943507258 PE/PPE
Rv1088	1	0	1,943507258 PE/PPE
Rv1089	0	0	1,943507258 PE/PPE
Rv1091	6	2	1,943507258 PE/PPE
Rv1135c	1	0	1,943507258 PE/PPE
Rv1172c	11	5	1,943507258 PE/PPE
Rv1243c	2	0	1,943507258 PE/PPE
Rv1325c	2	1	1,943507258 PE/PPE
Rv1396c	7	3	1,943507258 PE/PPE
Rv1430	1	0	1,943507258 PE/PPE
Rv1450c	2	0	1,943507258 PE/PPE
Rv1452c	1	0	1,943507258 PE/PPE
Rv1468c	7	3	1,943507258 PE/PPE
Rv1548c	1	0	1,943507258 PE/PPE
Rv1646	31	13	1,943507258 PE/PPE
Rv1651c	7	2	1,943507258 PE/PPE
Rv1705c	1	0	1,943507258 PE/PPE
Rv1706c	3	1	1,943507258 PE/PPE
Rv1753c	1	0	1,943507258 PE/PPE
Rv1759c	1	0	1,943507258 PE/PPE
Rv1768	9	3	1,943507258 PE/PPE
Rv1787	4	1	1,943507258 PE/PPE
Rv1788	2	1	1,943507258 PE/PPE
Rv1790	4	2	1,943507258 PE/PPE
Rv1800	5	2	1,943507258 PE/PPE
Rv1802	2	0	1,943507258 PE/PPE
Rv1803c	5	2	1,943507258 PE/PPE
Rv1809	4	1	1,943507258 PE/PPE
Rv1917c	0	0	1,943507258 PE/PPE
Rv1918c	2	1	1,943507258 PE/PPE
Rv1983	3	1	1,943507258 PE/PPE
Rv2123	0	0	1,943507258 PE/PPE

Rv2126c	1	0	1,943507258 PE/PPE
Rv2328	2	1	1,943507258 PE/PPE
Rv2353c	0	0	1,943507258 PE/PPE
Rv2408	1	0	1,943507258 PE/PPE
Rv2487c	3	1	1,943507258 PE/PPE
Rv2490c	2	0	1,943507258 PE/PPE
Rv2608	3	1	1,943507258 PE/PPE
Rv2615c	7	2	1,943507258 PE/PPE
Rv2741	13	5	1,943507258 PE/PPE
Rv2768c	2	1	1,943507258 PE/PPE
Rv2770c	4	2	1,943507258 PE/PPE
Rv2853	3	1	1,943507258 PE/PPE
Rv2892c	4	1	1,943507258 PE/PPE
Rv3021c	2	0	1,943507258 PE/PPE
Rv3022A	2	1	1,943507258 PE/PPE
Rv3022c	2	1	1,943507258 PE/PPE
Rv3097c	3	1	1,943507258 PE/PPE
Rv3125c	2	0	1,943507258 PE/PPE
Rv3159c	4	2	1,943507258 PE/PPE
Rv3343c	3	1	1,943507258 PE/PPE
Rv3344c	1	0	1,943507258 PE/PPE
Rv3345c	1	0	1,943507258 PE/PPE
Rv3350c	2	0	1,943507258 PE/PPE
Rv3367	4	2	1,943507258 PE/PPE
Rv3388	1	0	1,943507258 PE/PPE
Rv3426	2	1	1,943507258 PE/PPE
Rv3511	1	0	1,943507258 PE/PPE
Rv3512	2	0	1,943507258 PE/PPE
Rv3514	5	2	1,943507258 PE/PPE
Rv3532	1	0	1,943507258 PE/PPE
Rv3533c	2	0	1,943507258 PE/PPE
Rv3558	1	0	1,943507258 PE/PPE
Rv3590c	4	1	1,943507258 PE/PPE
Rv3595c	4	2	1,943507258 PE/PPE

Rv3621c	1	0	1,943507258 PE/PPE
Rv3622c	0	0	1,943507258 PE/PPE
Rv3652	2	1	1,943507258 PE/PPE
Rv3738c	2	1	1,943507258 PE/PPE
Rv3746c	5	2	1,943507258 PE/PPE
Rv3812	3	1	1,943507258 PE/PPE
Rv0013	2	1	1,943507258 intermediary metabolism and respiration
Rv0032	2	1	1,943507258 intermediary metabolism and respiration
Rv0062	8	3	1,943507258 intermediary metabolism and respiration
Rv0063	3	1	1,943507258 intermediary metabolism and respiration
Rv0068	1	0	1,943507258 intermediary metabolism and respiration
Rv0069c	4	2	1,943507258 intermediary metabolism and respiration
Rv0075	9	3	1,943507258 intermediary metabolism and respiration
Rv0077c	2	0	1,943507258 intermediary metabolism and respiration
Rv0084	8	3	1,943507258 intermediary metabolism and respiration
Rv0086	7	3	1,943507258 intermediary metabolism and respiration
Rv0087	2	1	1,943507258 intermediary metabolism and respiration
Rv0089	2	1	1,943507258 intermediary metabolism and respiration
Rv0097	2	1	1,943507258 intermediary metabolism and respiration
Rv0125	14	5	1,943507258 intermediary metabolism and respiration
Rv0133	11	4	1,943507258 intermediary metabolism and respiration
Rv0161	2	1	1,943507258 intermediary metabolism and respiration
Rv0162c	7	3	1,943507258 intermediary metabolism and respiration
Rv0187	10	4	1,943507258 intermediary metabolism and respiration
Rv0213c	2	0	1,943507258 intermediary metabolism and respiration
Rv0217c	2	1	1,943507258 intermediary metabolism and respiration
Rv0224c	2	1	1,943507258 intermediary metabolism and respiration
Rv0228	4	1	1,943507258 intermediary metabolism and respiration
Rv0234c	7	2	1,943507258 intermediary metabolism and respiration
Rv0266c	3	1	1,943507258 intermediary metabolism and respiration
Rv0294	1	0	1,943507258 intermediary metabolism and respiration
Rv0296c	2	0	1,943507258 intermediary metabolism and respiration
Rv0306	1	0	1,943507258 intermediary metabolism and respiration
Rv0316	3	1	1,943507258 intermediary metabolism and respiration

Rv0319	4	2	1,943507258	intermediary metabolism and respiration
Rv0321	2	1	1,943507258	intermediary metabolism and respiration
Rv0322	1	0	1,943507258	intermediary metabolism and respiration
Rv0327c	0	0	1,943507258	intermediary metabolism and respiration
Rv0331	3	1	1,943507258	intermediary metabolism and respiration
Rv0369c	3	1	1,943507258	intermediary metabolism and respiration
Rv0370c	1	0	1,943507258	intermediary metabolism and respiration
Rv0374c	1	0	1,943507258	intermediary metabolism and respiration
Rv0375c	1	0	1,943507258	intermediary metabolism and respiration
Rv0380c	4	1	1,943507258	intermediary metabolism and respiration
Rv0408	4	2	1,943507258	intermediary metabolism and respiration
Rv0414c	1	0	1,943507258	intermediary metabolism and respiration
Rv0415	11	4	1,943507258	intermediary metabolism and respiration
Rv0416	8	3	1,943507258	intermediary metabolism and respiration
Rv0417	2	1	1,943507258	intermediary metabolism and respiration
Rv0423c	26	10	1,943507258	intermediary metabolism and respiration
Rv0428c	2	1	1,943507258	intermediary metabolism and respiration
Rv0438c	3	1	1,943507258	intermediary metabolism and respiration
Rv0439c	4	1	1,943507258	intermediary metabolism and respiration
Rv0457c	2	1	1,943507258	intermediary metabolism and respiration
Rv0484c	7	3	1,943507258	intermediary metabolism and respiration
Rv0517	8	3	1,943507258	intermediary metabolism and respiration
Rv0520	2	0	1,943507258	intermediary metabolism and respiration
Rv0521	0	0	1,943507258	intermediary metabolism and respiration
Rv0524	11	4	1,943507258	intermediary metabolism and respiration
Rv0529	11	4	1,943507258	intermediary metabolism and respiration
Rv0534c	3	1	1,943507258	intermediary metabolism and respiration
Rv0539	7	2	1,943507258	intermediary metabolism and respiration
Rv0548c	9	4	1,943507258	intermediary metabolism and respiration
Rv0553	2	1	1,943507258	intermediary metabolism and respiration
Rv0560c	4	2	1,943507258	intermediary metabolism and respiration
Rv0561c	4	2	1,943507258	intermediary metabolism and respiration
Rv0565c	2	0	1,943507258	intermediary metabolism and respiration
Rv0567	9	4	1,943507258	intermediary metabolism and respiration

Rv0568	15	6	1,943507258 intermediary metabolism and respiration
Rv0573c	0	0	1,943507258 intermediary metabolism and respiration
Rv0618	2	1	1,943507258 intermediary metabolism and respiration
Rv0619	0	0	1,943507258 intermediary metabolism and respiration
Rv0620	0	0	1,943507258 intermediary metabolism and respiration
Rv0648	0	0	1,943507258 intermediary metabolism and respiration
Rv0650	0	0	1,943507258 intermediary metabolism and respiration
Rv0654	7	2	1,943507258 intermediary metabolism and respiration
Rv0663	6	2	1,943507258 intermediary metabolism and respiration
Rv0669c	4	1	1,943507258 intermediary metabolism and respiration
Rv0727c	1	0	1,943507258 intermediary metabolism and respiration
Rv0728c	0	0	1,943507258 intermediary metabolism and respiration
Rv0729	2	1	1,943507258 intermediary metabolism and respiration
Rv0751c	4	2	1,943507258 intermediary metabolism and respiration
Rv0763c	1	0	1,943507258 intermediary metabolism and respiration
Rv0766c	1	0	1,943507258 intermediary metabolism and respiration
Rv0771	0	0	1,943507258 intermediary metabolism and respiration
Rv0778	8	3	1,943507258 intermediary metabolism and respiration
Rv0780	5	2	1,943507258 intermediary metabolism and respiration
Rv0793	1	0	1,943507258 intermediary metabolism and respiration
Rv0800	5	2	1,943507258 intermediary metabolism and respiration
Rv0828c	0	0	1,943507258 intermediary metabolism and respiration
Rv0840c	4	1	1,943507258 intermediary metabolism and respiration
Rv0846c	2	1	1,943507258 intermediary metabolism and respiration
Rv0848	5	2	1,943507258 intermediary metabolism and respiration
Rv0851c	3	1	1,943507258 intermediary metabolism and respiration
Rv0853c	4	2	1,943507258 intermediary metabolism and respiration
Rv0858c	2	1	1,943507258 intermediary metabolism and respiration
Rv0881	4	1	1,943507258 intermediary metabolism and respiration
Rv0884c	9	4	1,943507258 intermediary metabolism and respiration
Rv0897c	4	1	1,943507258 intermediary metabolism and respiration
Rv0919	1	0	1,943507258 intermediary metabolism and respiration
Rv0927c	2	0	1,943507258 intermediary metabolism and respiration
Rv0943c	0	0	1,943507258 intermediary metabolism and respiration

Rv0945	3	1	1,943507258	intermediary metabolism and respiration
Rv0953c	2	1	1,943507258	intermediary metabolism and respiration
Rv0957	7	3	1,943507258	intermediary metabolism and respiration
Rv0983	30	12	1,943507258	intermediary metabolism and respiration
Rv1023	11	5	1,943507258	intermediary metabolism and respiration
Rv1050	2	0	1,943507258	intermediary metabolism and respiration
Rv1089A	1	0	1,943507258	intermediary metabolism and respiration
Rv1090	3	1	1,943507258	intermediary metabolism and respiration
Rv1093	13	5	1,943507258	intermediary metabolism and respiration
Rv1104	4	2	1,943507258	intermediary metabolism and respiration
Rv1105	0	0	1,943507258	intermediary metabolism and respiration
Rv1138c	2	1	1,943507258	intermediary metabolism and respiration
Rv1144	3	1	1,943507258	intermediary metabolism and respiration
Rv1188	3	1	1,943507258	intermediary metabolism and respiration
Rv1208	10	4	1,943507258	intermediary metabolism and respiration
Rv1212c	3	1	1,943507258	intermediary metabolism and respiration
Rv1213	5	2	1,943507258	intermediary metabolism and respiration
Rv1220c	14	5	1,943507258	intermediary metabolism and respiration
Rv1256c	1	0	1,943507258	intermediary metabolism and respiration
Rv1260	11	5	1,943507258	intermediary metabolism and respiration
Rv1284	8	3	1,943507258	intermediary metabolism and respiration
Rv1285	6	2	1,943507258	intermediary metabolism and respiration
Rv1318c	2	1	1,943507258	intermediary metabolism and respiration
Rv1319c	2	0	1,943507258	intermediary metabolism and respiration
Rv1320c	3	1	1,943507258	intermediary metabolism and respiration
Rv1328	11	4	1,943507258	intermediary metabolism and respiration
Rv1330c	3	1	1,943507258	intermediary metabolism and respiration
Rv1336	8	3	1,943507258	intermediary metabolism and respiration
Rv1373	1	0	1,943507258	intermediary metabolism and respiration
Rv1383	4	2	1,943507258	intermediary metabolism and respiration
Rv1384	5	2	1,943507258	intermediary metabolism and respiration
Rv1385	2	1	1,943507258	intermediary metabolism and respiration
Rv1399c	2	1	1,943507258	intermediary metabolism and respiration
Rv1400c	5	2	1,943507258	intermediary metabolism and respiration

Rv1403c	1	0	1,943507258	intermediary metabolism and respiration
Rv1426c	4	2	1,943507258	intermediary metabolism and respiration
Rv1438	41	17	1,943507258	intermediary metabolism and respiration
Rv1447c	13	5	1,943507258	intermediary metabolism and respiration
Rv1449c	22	9	1,943507258	intermediary metabolism and respiration
Rv1454c	7	2	1,943507258	intermediary metabolism and respiration
Rv1470	4	1	1,943507258	intermediary metabolism and respiration
Rv1497	30	12	1,943507258	intermediary metabolism and respiration
Rv1498c	4	2	1,943507258	intermediary metabolism and respiration
Rv1512	10	4	1,943507258	intermediary metabolism and respiration
Rv1516c	2	1	1,943507258	intermediary metabolism and respiration
Rv1526c	1	0	1,943507258	intermediary metabolism and respiration
Rv1542c	0	0	1,943507258	intermediary metabolism and respiration
Rv1553	0	0	1,943507258	intermediary metabolism and respiration
Rv1554	0	0	1,943507258	intermediary metabolism and respiration
Rv1568	4	1	1,943507258	intermediary metabolism and respiration
Rv1570	8	3	1,943507258	intermediary metabolism and respiration
Rv1600	10	4	1,943507258	intermediary metabolism and respiration
Rv1609	11	5	1,943507258	intermediary metabolism and respiration
Rv1623c	10	4	1,943507258	intermediary metabolism and respiration
Rv1647	4	1	1,943507258	intermediary metabolism and respiration
Rv1655	2	1	1,943507258	intermediary metabolism and respiration
Rv1656	2	1	1,943507258	intermediary metabolism and respiration
Rv1658	14	5	1,943507258	intermediary metabolism and respiration
Rv1659	5	2	1,943507258	intermediary metabolism and respiration
Rv1681	3	1	1,943507258	intermediary metabolism and respiration
Rv1692	6	2	1,943507258	intermediary metabolism and respiration
Rv1703c	31	12	1,943507258	intermediary metabolism and respiration
Rv1712	17	7	1,943507258	intermediary metabolism and respiration
Rv1714	7	3	1,943507258	intermediary metabolism and respiration
Rv1726	0	0	1,943507258	intermediary metabolism and respiration
Rv1745c	1	0	1,943507258	intermediary metabolism and respiration
Rv1755c	0	0	1,943507258	intermediary metabolism and respiration
Rv1774	4	2	1,943507258	intermediary metabolism and respiration

Rv1777	0	0	1,943507258	intermediary metabolism and respiration
Rv1781c	1	0	1,943507258	intermediary metabolism and respiration
Rv1812c	5	2	1,943507258	intermediary metabolism and respiration
Rv1833c	2	1	1,943507258	intermediary metabolism and respiration
Rv1849	2	1	1,943507258	intermediary metabolism and respiration
Rv1851	0	0	1,943507258	intermediary metabolism and respiration
Rv1865c	3	1	1,943507258	intermediary metabolism and respiration
Rv1869c	21	9	1,943507258	intermediary metabolism and respiration
Rv1878	2	1	1,943507258	intermediary metabolism and respiration
Rv1885c	7	2	1,943507258	intermediary metabolism and respiration
Rv1895	4	1	1,943507258	intermediary metabolism and respiration
Rv1916	11	4	1,943507258	intermediary metabolism and respiration
Rv1928c	3	1	1,943507258	intermediary metabolism and respiration
Rv1940	2	1	1,943507258	intermediary metabolism and respiration
Rv1941	3	1	1,943507258	intermediary metabolism and respiration
Rv2062c	6	2	1,943507258	intermediary metabolism and respiration
Rv2064	2	1	1,943507258	intermediary metabolism and respiration
Rv2072c	3	1	1,943507258	intermediary metabolism and respiration
Rv2074	38	16	1,943507258	intermediary metabolism and respiration
Rv2121c	4	1	1,943507258	intermediary metabolism and respiration
Rv2122c	2	0	1,943507258	intermediary metabolism and respiration
Rv2129c	3	1	1,943507258	intermediary metabolism and respiration
Rv2141c	3	1	1,943507258	intermediary metabolism and respiration
Rv2201	3	1	1,943507258	intermediary metabolism and respiration
Rv2213	8	3	1,943507258	intermediary metabolism and respiration
Rv2222c	42	17	1,943507258	intermediary metabolism and respiration
Rv2225	6	2	1,943507258	intermediary metabolism and respiration
Rv2236c	2	1	1,943507258	intermediary metabolism and respiration
Rv2249c	0	0	1,943507258	intermediary metabolism and respiration
Rv2250A	2	1	1,943507258	intermediary metabolism and respiration
Rv2251	3	1	1,943507258	intermediary metabolism and respiration
Rv2268c	1	0	1,943507258	intermediary metabolism and respiration
Rv2276	3	1	1,943507258	intermediary metabolism and respiration
Rv2277c	0	0	1,943507258	intermediary metabolism and respiration

Rv2294	2	1	1,943507258	intermediary metabolism and respiration
Rv2296	7	3	1,943507258	intermediary metabolism and respiration
Rv2322c	1	0	1,943507258	intermediary metabolism and respiration
Rv2332	4	1	1,943507258	intermediary metabolism and respiration
Rv2334	12	5	1,943507258	intermediary metabolism and respiration
Rv2344c	13	5	1,943507258	intermediary metabolism and respiration
Rv2351c	1	0	1,943507258	intermediary metabolism and respiration
Rv2363	2	1	1,943507258	intermediary metabolism and respiration
Rv2364c	7	2	1,943507258	intermediary metabolism and respiration
Rv2427c	19	8	1,943507258	intermediary metabolism and respiration
Rv2436	2	1	1,943507258	intermediary metabolism and respiration
Rv2445c	7	2	1,943507258	intermediary metabolism and respiration
Rv2458	2	1	1,943507258	intermediary metabolism and respiration
Rv2467	7	2	1,943507258	intermediary metabolism and respiration
Rv2476c	19	8	1,943507258	intermediary metabolism and respiration
Rv2485c	4	2	1,943507258	intermediary metabolism and respiration
Rv2498c	10	4	1,943507258	intermediary metabolism and respiration
Rv2539c	9	3	1,943507258	intermediary metabolism and respiration
Rv2540c	20	8	1,943507258	intermediary metabolism and respiration
Rv2552c	16	6	1,943507258	intermediary metabolism and respiration
Rv2579	9	3	1,943507258	intermediary metabolism and respiration
Rv2589	9	4	1,943507258	intermediary metabolism and respiration
Rv2601	1	0	1,943507258	intermediary metabolism and respiration
Rv2622	0	0	1,943507258	intermediary metabolism and respiration
Rv2667	2	0	1,943507258	intermediary metabolism and respiration
Rv2671	5	2	1,943507258	intermediary metabolism and respiration
Rv2674	25	10	1,943507258	intermediary metabolism and respiration
Rv2677c	7	3	1,943507258	intermediary metabolism and respiration
Rv2701c	5	2	1,943507258	intermediary metabolism and respiration
Rv2727c	2	1	1,943507258	intermediary metabolism and respiration
Rv2739c	6	2	1,943507258	intermediary metabolism and respiration
Rv2754c	1	0	1,943507258	intermediary metabolism and respiration
Rv2766c	2	1	1,943507258	intermediary metabolism and respiration
Rv2775	4	2	1,943507258	intermediary metabolism and respiration

Rv2776c	3	1	1,943507258	intermediary metabolism and respiration
Rv2786c	7	3	1,943507258	intermediary metabolism and respiration
Rv2851c	26	10	1,943507258	intermediary metabolism and respiration
Rv2858c	9	4	1,943507258	intermediary metabolism and respiration
Rv2859c	10	4	1,943507258	intermediary metabolism and respiration
Rv2861c	9	4	1,943507258	intermediary metabolism and respiration
Rv2870c	6	2	1,943507258	intermediary metabolism and respiration
Rv2874	1	0	1,943507258	intermediary metabolism and respiration
Rv2893	0	0	1,943507258	intermediary metabolism and respiration
Rv2895c	13	5	1,943507258	intermediary metabolism and respiration
Rv2900c	13	5	1,943507258	intermediary metabolism and respiration
Rv2913c	6	2	1,943507258	intermediary metabolism and respiration
Rv2958c	3	1	1,943507258	intermediary metabolism and respiration
Rv2962c	6	2	1,943507258	intermediary metabolism and respiration
Rv2964	1	0	1,943507258	intermediary metabolism and respiration
Rv2970c	14	6	1,943507258	intermediary metabolism and respiration
Rv2971	7	3	1,943507258	intermediary metabolism and respiration
Rv2984	8	3	1,943507258	intermediary metabolism and respiration
Rv2993c	4	2	1,943507258	intermediary metabolism and respiration
Rv2997	1	0	1,943507258	intermediary metabolism and respiration
Rv3027c	4	1	1,943507258	intermediary metabolism and respiration
Rv3032	4	2	1,943507258	intermediary metabolism and respiration
Rv3083	2	1	1,943507258	intermediary metabolism and respiration
Rv3084	0	0	1,943507258	intermediary metabolism and respiration
Rv3085	1	0	1,943507258	intermediary metabolism and respiration
Rv3086	7	2	1,943507258	intermediary metabolism and respiration
Rv3106	4	2	1,943507258	intermediary metabolism and respiration
Rv3109	0	0	1,943507258	intermediary metabolism and respiration
Rv3111	1	0	1,943507258	intermediary metabolism and respiration
Rv3112	0	0	1,943507258	intermediary metabolism and respiration
Rv3113	0	0	1,943507258	intermediary metabolism and respiration
Rv3116	13	5	1,943507258	intermediary metabolism and respiration
Rv3138	3	1	1,943507258	intermediary metabolism and respiration
Rv3152	18	7	1,943507258	intermediary metabolism and respiration

Rv3154	25	10	1,943507258	intermediary metabolism and respiration
Rv3170	2	1	1,943507258	intermediary metabolism and respiration
Rv3174	2	1	1,943507258	intermediary metabolism and respiration
Rv3175	0	0	1,943507258	intermediary metabolism and respiration
Rv3214	10	4	1,943507258	intermediary metabolism and respiration
Rv3215	2	1	1,943507258	intermediary metabolism and respiration
Rv3225c	6	2	1,943507258	intermediary metabolism and respiration
Rv3266c	10	4	1,943507258	intermediary metabolism and respiration
Rv3279c	6	2	1,943507258	intermediary metabolism and respiration
Rv3306c	13	5	1,943507258	intermediary metabolism and respiration
Rv3309c	2	1	1,943507258	intermediary metabolism and respiration
Rv3318	3	1	1,943507258	intermediary metabolism and respiration
Rv3322c	2	1	1,943507258	intermediary metabolism and respiration
Rv3323c	9	4	1,943507258	intermediary metabolism and respiration
Rv3324c	2	0	1,943507258	intermediary metabolism and respiration
Rv3329	3	1	1,943507258	intermediary metabolism and respiration
Rv3340	2	0	1,943507258	intermediary metabolism and respiration
Rv3342	7	3	1,943507258	intermediary metabolism and respiration
Rv3352c	0	0	1,943507258	intermediary metabolism and respiration
Rv3356c	11	4	1,943507258	intermediary metabolism and respiration
Rv3368c	4	1	1,943507258	intermediary metabolism and respiration
Rv3377c	7	2	1,943507258	intermediary metabolism and respiration
Rv3378c	2	1	1,943507258	intermediary metabolism and respiration
Rv3379c	1	0	1,943507258	intermediary metabolism and respiration
Rv3393	2	1	1,943507258	intermediary metabolism and respiration
Rv3397c	1	0	1,943507258	intermediary metabolism and respiration
Rv3401	9	3	1,943507258	intermediary metabolism and respiration
Rv3406	1	0	1,943507258	intermediary metabolism and respiration
Rv3423c	7	2	1,943507258	intermediary metabolism and respiration
Rv3449	0	0	1,943507258	intermediary metabolism and respiration
Rv3465	9	3	1,943507258	intermediary metabolism and respiration
Rv3468c	0	0	1,943507258	intermediary metabolism and respiration
Rv3470c	1	0	1,943507258	intermediary metabolism and respiration
Rv3509c	11	5	1,943507258	intermediary metabolism and respiration

Rv3530c	1	0	1,943507258	intermediary metabolism and respiration
Rv3538	2	0	1,943507258	intermediary metabolism and respiration
Rv3551	2	1	1,943507258	intermediary metabolism and respiration
Rv3552	2	0	1,943507258	intermediary metabolism and respiration
Rv3553	2	0	1,943507258	intermediary metabolism and respiration
Rv3559c	2	1	1,943507258	intermediary metabolism and respiration
Rv3565	2	0	1,943507258	intermediary metabolism and respiration
Rv3567c	2	1	1,943507258	intermediary metabolism and respiration
Rv3568c	16	6	1,943507258	intermediary metabolism and respiration
Rv3571	4	2	1,943507258	intermediary metabolism and respiration
Rv3609c	14	6	1,943507258	intermediary metabolism and respiration
Rv3618	2	1	1,943507258	intermediary metabolism and respiration
Rv3631	5	2	1,943507258	intermediary metabolism and respiration
Rv3671c	11	5	1,943507258	intermediary metabolism and respiration
Rv3700c	2	1	1,943507258	intermediary metabolism and respiration
Rv3712	2	1	1,943507258	intermediary metabolism and respiration
Rv3741c	0	0	1,943507258	intermediary metabolism and respiration
Rv3772	2	1	1,943507258	intermediary metabolism and respiration
Rv3775	10	4	1,943507258	intermediary metabolism and respiration
Rv3777	7	2	1,943507258	intermediary metabolism and respiration
Rv3784	1	0	1,943507258	intermediary metabolism and respiration
Rv3814c	23	9	1,943507258	intermediary metabolism and respiration
Rv3829c	3	1	1,943507258	intermediary metabolism and respiration
Rv3838c	6	2	1,943507258	intermediary metabolism and respiration
Rv3886c	4	2	1,943507258	intermediary metabolism and respiration
Rv3913	12	5	1,943507258	intermediary metabolism and respiration
Rv0326	1	0	1,943507258	unknown
Rv1506c	6	2	1,943507258	unknown
Rv1507A	0	0	1,943507258	unknown
Rv1742	2	1	1,943507258	unknown
Rv2292c	1	0	1,943507258	unknown
Rv2818c	3	1	1,943507258	unknown
Rv3599c	4	1	1,943507258	unknown
Rv0015c	17	7	1,943507258	regulatory proteins

Rv0018c	14	5	1,943507258 regulatory proteins
Rv0022c	0	0	1,943507258 regulatory proteins
Rv0067c	1	0	1,943507258 regulatory proteins
Rv0078	4	1	1,943507258 regulatory proteins
Rv0081	14	5	1,943507258 regulatory proteins
Rv0117	2	0	1,943507258 regulatory proteins
Rv0195	0	0	1,943507258 regulatory proteins
Rv0324	7	2	1,943507258 regulatory proteins
Rv0328	2	1	1,943507258 regulatory proteins
Rv0339c	2	0	1,943507258 regulatory proteins
Rv0377	4	1	1,943507258 regulatory proteins
Rv0386	3	1	1,943507258 regulatory proteins
Rv0474	20	8	1,943507258 regulatory proteins
Rv0494	1	0	1,943507258 regulatory proteins
Rv0576	6	2	1,943507258 regulatory proteins
Rv0600c	0	0	1,943507258 regulatory proteins
Rv0601c	0	0	1,943507258 regulatory proteins
Rv0602c	0	0	1,943507258 regulatory proteins
Rv0653c	1	0	1,943507258 regulatory proteins
Rv0681	9	3	1,943507258 regulatory proteins
Rv0737	2	1	1,943507258 regulatory proteins
Rv0823c	33	13	1,943507258 regulatory proteins
Rv0844c	9	4	1,943507258 regulatory proteins
Rv0845	2	1	1,943507258 regulatory proteins
Rv0890c	4	2	1,943507258 regulatory proteins
Rv0894	1	0	1,943507258 regulatory proteins
Rv0931c	55	22	1,943507258 regulatory proteins
Rv0967	55	23	1,943507258 regulatory proteins
Rv1027c	2	0	1,943507258 regulatory proteins
Rv1028c	3	1	1,943507258 regulatory proteins
Rv1129c	2	1	1,943507258 regulatory proteins
Rv1267c	2	0	1,943507258 regulatory proteins
Rv1353c	1	0	1,943507258 regulatory proteins
Rv1358	0	0	1,943507258 regulatory proteins

Rv1359	1	0	1,943507258 regulatory proteins
Rv1395	4	1	1,943507258 regulatory proteins
Rv1453	0	0	1,943507258 regulatory proteins
Rv1460	6	2	1,943507258 regulatory proteins
Rv1473A	11	5	1,943507258 regulatory proteins
Rv1626	57	24	1,943507258 regulatory proteins
Rv1657	5	2	1,943507258 regulatory proteins
Rv1674c	1	0	1,943507258 regulatory proteins
Rv1675c	1	0	1,943507258 regulatory proteins
Rv1746	3	1	1,943507258 regulatory proteins
Rv1773c	2	1	1,943507258 regulatory proteins
Rv1776c	1	0	1,943507258 regulatory proteins
Rv1963c	4	1	1,943507258 regulatory proteins
Rv2011c	1	0	1,943507258 regulatory proteins
Rv2017	3	1	1,943507258 regulatory proteins
Rv2160c	0	0	1,943507258 regulatory proteins
Rv2175c	2	1	1,943507258 regulatory proteins
Rv2176	3	1	1,943507258 regulatory proteins
Rv2232	7	2	1,943507258 regulatory proteins
Rv2282c	1	0	1,943507258 regulatory proteins
Rv2324	2	0	1,943507258 regulatory proteins
Rv2488c	2	1	1,943507258 regulatory proteins
Rv2506	4	1	1,943507258 regulatory proteins
Rv2779c	3	1	1,943507258 regulatory proteins
Rv2884	6	2	1,943507258 regulatory proteins
Rv2912c	3	1	1,943507258 regulatory proteins
Rv3066	1	0	1,943507258 regulatory proteins
Rv3080c	3	1	1,943507258 regulatory proteins
Rv3124	1	0	1,943507258 regulatory proteins
Rv3143	1	0	1,943507258 regulatory proteins
Rv3167c	1	0	1,943507258 regulatory proteins
Rv3183	1	0	1,943507258 regulatory proteins
Rv3197A	3	1	1,943507258 regulatory proteins
Rv3208	24	10	1,943507258 regulatory proteins

Rv3405c	3	1	1,943507258 regulatory proteins
Rv3574	8	3	1,943507258 regulatory proteins
Rv3736	5	2	1,943507258 regulatory proteins
Rv3830c	1	0	1,943507258 regulatory proteins
Rv3833	0	0	1,943507258 regulatory proteins
Rv3840	0	0	1,943507258 regulatory proteins
Rv0004	10	4	1,943507258 conserved hypotheticals
Rv0021c	4	1	1,943507258 conserved hypotheticals
Rv0026	2	1	1,943507258 conserved hypotheticals
Rv0027	1	0	1,943507258 conserved hypotheticals
Rv0028	2	1	1,943507258 conserved hypotheticals
Rv0030	7	3	1,943507258 conserved hypotheticals
Rv0034	0	0	1,943507258 conserved hypotheticals
Rv0036c	9	4	1,943507258 conserved hypotheticals
Rv0052	4	2	1,943507258 conserved hypotheticals
Rv0061	2	1	1,943507258 conserved hypotheticals
Rv0104	2	1	1,943507258 conserved hypotheticals
Rv0122	5	2	1,943507258 conserved hypotheticals
Rv0142	4	1	1,943507258 conserved hypotheticals
Rv0150c	1	0	1,943507258 conserved hypotheticals
Rv0184	5	2	1,943507258 conserved hypotheticals
Rv0193c	1	0	1,943507258 conserved hypotheticals
Rv0209	5	2	1,943507258 conserved hypotheticals
Rv0257	7	2	1,943507258 conserved hypotheticals
Rv0258c	7	2	1,943507258 conserved hypotheticals
Rv0259c	1	0	1,943507258 conserved hypotheticals
Rv0269c	5	2	1,943507258 conserved hypotheticals
Rv0295c	5	2	1,943507258 conserved hypotheticals
Rv0310c	1	0	1,943507258 conserved hypotheticals
Rv0329c	1	0	1,943507258 conserved hypotheticals
Rv0330c	1	0	1,943507258 conserved hypotheticals
Rv0345	11	4	1,943507258 conserved hypotheticals
Rv0356c	4	1	1,943507258 conserved hypotheticals
Rv0358	2	1	1,943507258 conserved hypotheticals

Rv0360c	8	3	1,943507258 conserved hypotheticals
Rv0366c	0	0	1,943507258 conserved hypotheticals
Rv0368c	0	0	1,943507258 conserved hypotheticals
Rv0371c	0	0	1,943507258 conserved hypotheticals
Rv0372c	1	0	1,943507258 conserved hypotheticals
Rv0378	0	0	1,943507258 conserved hypotheticals
Rv0381c	5	2	1,943507258 conserved hypotheticals
Rv0387c	2	0	1,943507258 conserved hypotheticals
Rv0395	1	0	1,943507258 conserved hypotheticals
Rv0441c	4	2	1,943507258 conserved hypotheticals
Rv0448c	1	0	1,943507258 conserved hypotheticals
Rv0449c	7	2	1,943507258 conserved hypotheticals
Rv0454	0	0	1,943507258 conserved hypotheticals
Rv0481c	2	1	1,943507258 conserved hypotheticals
Rv0492A	2	0	1,943507258 conserved hypotheticals
Rv0493c	2	0	1,943507258 conserved hypotheticals
Rv0499	12	5	1,943507258 conserved hypotheticals
Rv0504c	13	5	1,943507258 conserved hypotheticals
Rv0523c	2	0	1,943507258 conserved hypotheticals
Rv0540	3	1	1,943507258 conserved hypotheticals
Rv0546c	11	4	1,943507258 conserved hypotheticals
Rv0571c	2	1	1,943507258 conserved hypotheticals
Rv0574c	4	1	1,943507258 conserved hypotheticals
Rv0597c	9	3	1,943507258 conserved hypotheticals
Rv0607	1	0	1,943507258 conserved hypotheticals
Rv0610c	3	1	1,943507258 conserved hypotheticals
Rv0612	2	1	1,943507258 conserved hypotheticals
Rv0614	0	0	1,943507258 conserved hypotheticals
Rv0616c	0	0	1,943507258 conserved hypotheticals
Rv0647c	4	2	1,943507258 conserved hypotheticals
Rv0674	4	2	1,943507258 conserved hypotheticals
Rv0689c	0	0	1,943507258 conserved hypotheticals
Rv0699	0	0	1,943507258 conserved hypotheticals
Rv0738	4	1	1,943507258 conserved hypotheticals

Rv0740	4	2	1,943507258 conserved hypotheticals
Rv0745	0	0	1,943507258 conserved hypotheticals
Rv0762c	2	1	1,943507258 conserved hypotheticals
Rv0785	4	2	1,943507258 conserved hypotheticals
Rv0787	2	1	1,943507258 conserved hypotheticals
Rv0789c	1	0	1,943507258 conserved hypotheticals
Rv0790c	1	0	1,943507258 conserved hypotheticals
Rv0791c	2	0	1,943507258 conserved hypotheticals
Rv0822c	5	2	1,943507258 conserved hypotheticals
Rv0836c	0	0	1,943507258 conserved hypotheticals
Rv0837c	1	0	1,943507258 conserved hypotheticals
Rv0862c	2	1	1,943507258 conserved hypotheticals
Rv0887c	1	0	1,943507258 conserved hypotheticals
Rv0910	21	9	1,943507258 conserved hypotheticals
Rv0918	1	0	1,943507258 conserved hypotheticals
Rv0926c	4	1	1,943507258 conserved hypotheticals
Rv0942	0	0	1,943507258 conserved hypotheticals
Rv0959	4	2	1,943507258 conserved hypotheticals
Rv0963c	1	0	1,943507258 conserved hypotheticals
Rv0964c	0	0	1,943507258 conserved hypotheticals
Rv0992c	11	4	1,943507258 conserved hypotheticals
Rv0998	11	4	1,943507258 conserved hypotheticals
Rv0999	4	1	1,943507258 conserved hypotheticals
Rv1000c	6	2	1,943507258 conserved hypotheticals
Rv1021	7	2	1,943507258 conserved hypotheticals
Rv1044	2	0	1,943507258 conserved hypotheticals
Rv1048c	2	1	1,943507258 conserved hypotheticals
Rv1051c	0	0	1,943507258 conserved hypotheticals
Rv1053c	0	0	1,943507258 conserved hypotheticals
Rv1056	1	0	1,943507258 conserved hypotheticals
Rv1061	2	1	1,943507258 conserved hypotheticals
Rv1062	2	1	1,943507258 conserved hypotheticals
Rv1069c	6	2	1,943507258 conserved hypotheticals
Rv1084	2	1	1,943507258 conserved hypotheticals

Rv1111c	9	4	1,943507258 conserved hypotheticals
Rv1116	1	0	1,943507258 conserved hypotheticals
Rv1119c	0	0	1,943507258 conserved hypotheticals
Rv1120c	0	0	1,943507258 conserved hypotheticals
Rv1134	2	1	1,943507258 conserved hypotheticals
Rv1147	2	1	1,943507258 conserved hypotheticals
Rv1154c	4	1	1,943507258 conserved hypotheticals
Rv1158c	6	2	1,943507258 conserved hypotheticals
Rv1176c	1	0	1,943507258 conserved hypotheticals
Rv1190	1	0	1,943507258 conserved hypotheticals
Rv1191	2	1	1,943507258 conserved hypotheticals
Rv1204c	4	2	1,943507258 conserved hypotheticals
Rv1205	10	4	1,943507258 conserved hypotheticals
Rv1225c	2	1	1,943507258 conserved hypotheticals
Rv1251c	3	1	1,943507258 conserved hypotheticals
Rv1261c	12	5	1,943507258 conserved hypotheticals
Rv1262c	2	1	1,943507258 conserved hypotheticals
Rv1268c	0	0	1,943507258 conserved hypotheticals
Rv1276c	1	0	1,943507258 conserved hypotheticals
Rv1322	3	1	1,943507258 conserved hypotheticals
Rv1351	8	3	1,943507258 conserved hypotheticals
Rv1354c	1	0	1,943507258 conserved hypotheticals
Rv1356c	1	0	1,943507258 conserved hypotheticals
Rv1357c	0	0	1,943507258 conserved hypotheticals
Rv1367c	2	1	1,943507258 conserved hypotheticals
Rv1374c	1	0	1,943507258 conserved hypotheticals
Rv1375	3	1	1,943507258 conserved hypotheticals
Rv1376	3	1	1,943507258 conserved hypotheticals
Rv1434	2	1	1,943507258 conserved hypotheticals
Rv1443c	5	2	1,943507258 conserved hypotheticals
Rv1455	1	0	1,943507258 conserved hypotheticals
Rv1482c	0	0	1,943507258 conserved hypotheticals
Rv1499	1	0	1,943507258 conserved hypotheticals
Rv1501	7	2	1,943507258 conserved hypotheticals

Rv1503c	2	0	1,943507258 conserved hypotheticals
Rv1504c	1	0	1,943507258 conserved hypotheticals
Rv1514c	2	1	1,943507258 conserved hypotheticals
Rv1515c	2	0	1,943507258 conserved hypotheticals
Rv1518	0	0	1,943507258 conserved hypotheticals
Rv1519	1	0	1,943507258 conserved hypotheticals
Rv1546	12	5	1,943507258 conserved hypotheticals
Rv1597	4	1	1,943507258 conserved hypotheticals
Rv1632c	4	2	1,943507258 conserved hypotheticals
Rv1637c	2	1	1,943507258 conserved hypotheticals
Rv1680	5	2	1,943507258 conserved hypotheticals
Rv1685c	2	0	1,943507258 conserved hypotheticals
Rv1691	4	2	1,943507258 conserved hypotheticals
Rv1706A	0	0	1,943507258 conserved hypotheticals
Rv1716	2	1	1,943507258 conserved hypotheticals
Rv1717	2	0	1,943507258 conserved hypotheticals
Rv1718	5	2	1,943507258 conserved hypotheticals
Rv1724c	2	0	1,943507258 conserved hypotheticals
Rv1727	1	0	1,943507258 conserved hypotheticals
Rv1732c	6	2	1,943507258 conserved hypotheticals
Rv1734c	0	0	1,943507258 conserved hypotheticals
Rv1754c	1	0	1,943507258 conserved hypotheticals
Rv1770	47	19	1,943507258 conserved hypotheticals
Rv1778c	3	1	1,943507258 conserved hypotheticals
Rv1780	3	1	1,943507258 conserved hypotheticals
Rv1805c	0	0	1,943507258 conserved hypotheticals
Rv1825	4	2	1,943507258 conserved hypotheticals
Rv1828	42	17	1,943507258 conserved hypotheticals
Rv1868	4	1	1,943507258 conserved hypotheticals
Rv1873	0	0	1,943507258 conserved hypotheticals
Rv1875	9	3	1,943507258 conserved hypotheticals
Rv1879	0	0	1,943507258 conserved hypotheticals
Rv1889c	0	0	1,943507258 conserved hypotheticals
Rv1890c	2	0	1,943507258 conserved hypotheticals

Rv1896c	4	1	1,943507258 conserved hypotheticals
Rv1913	1	0	1,943507258 conserved hypotheticals
Rv1919c	41	17	1,943507258 conserved hypotheticals
Rv1929c	7	3	1,943507258 conserved hypotheticals
Rv1930c	0	0	1,943507258 conserved hypotheticals
Rv1948c	2	0	1,943507258 conserved hypotheticals
Rv1949c	3	1	1,943507258 conserved hypotheticals
Rv1951c	3	1	1,943507258 conserved hypotheticals
Rv1954c	0	0	1,943507258 conserved hypotheticals
Rv1957	2	1	1,943507258 conserved hypotheticals
Rv1958c	2	0	1,943507258 conserved hypotheticals
Rv1961	0	0	1,943507258 conserved hypotheticals
Rv1975	0	0	1,943507258 conserved hypotheticals
Rv1976c	26	10	1,943507258 conserved hypotheticals
Rv1995	1	0	1,943507258 conserved hypotheticals
Rv1998c	2	1	1,943507258 conserved hypotheticals
Rv2000	1	0	1,943507258 conserved hypotheticals
Rv2001	2	1	1,943507258 conserved hypotheticals
Rv2004c	7	3	1,943507258 conserved hypotheticals
Rv2008c	1	0	1,943507258 conserved hypotheticals
Rv2012	0	0	1,943507258 conserved hypotheticals
Rv2015c	30	12	1,943507258 conserved hypotheticals
Rv2016	2	1	1,943507258 conserved hypotheticals
Rv2019	2	1	1,943507258 conserved hypotheticals
Rv2042c	6	2	1,943507258 conserved hypotheticals
Rv2059	1	0	1,943507258 conserved hypotheticals
Rv2082	5	2	1,943507258 conserved hypotheticals
Rv2117	1	0	1,943507258 conserved hypotheticals
Rv2119	2	1	1,943507258 conserved hypotheticals
Rv2135c	11	4	1,943507258 conserved hypotheticals
Rv2148c	9	4	1,943507258 conserved hypotheticals
Rv2183c	16	6	1,943507258 conserved hypotheticals
Rv2227	0	0	1,943507258 conserved hypotheticals
Rv2230c	9	3	1,943507258 conserved hypotheticals

Rv2242	5	2	1,943507258 conserved hypotheticals
Rv2267c	2	0	1,943507258 conserved hypotheticals
Rv2269c	0	0	1,943507258 conserved hypotheticals
Rv2283	0	0	1,943507258 conserved hypotheticals
Rv2300c	2	0	1,943507258 conserved hypotheticals
Rv2305	3	1	1,943507258 conserved hypotheticals
Rv2307A	2	1	1,943507258 conserved hypotheticals
Rv2307B	0	0	1,943507258 conserved hypotheticals
Rv2307c	4	2	1,943507258 conserved hypotheticals
Rv2307D	4	2	1,943507258 conserved hypotheticals
Rv2308	2	0	1,943507258 conserved hypotheticals
Rv2309A	2	0	1,943507258 conserved hypotheticals
Rv2311	2	0	1,943507258 conserved hypotheticals
Rv2312	1	0	1,943507258 conserved hypotheticals
Rv2323c	1	0	1,943507258 conserved hypotheticals
Rv2336	2	0	1,943507258 conserved hypotheticals
Rv2337c	6	2	1,943507258 conserved hypotheticals
Rv2367c	18	7	1,943507258 conserved hypotheticals
Rv2370c	1	0	1,943507258 conserved hypotheticals
Rv2401	0	0	1,943507258 conserved hypotheticals
Rv2405	11	5	1,943507258 conserved hypotheticals
Rv2407	1	0	1,943507258 conserved hypotheticals
Rv2418c	9	4	1,943507258 conserved hypotheticals
Rv2422	0	0	1,943507258 conserved hypotheticals
Rv2423	1	0	1,943507258 conserved hypotheticals
Rv2438A	0	0	1,943507258 conserved hypotheticals
Rv2449c	13	5	1,943507258 conserved hypotheticals
Rv2451	1	0	1,943507258 conserved hypotheticals
Rv2452c	3	1	1,943507258 conserved hypotheticals
Rv2478c	7	3	1,943507258 conserved hypotheticals
Rv2481c	0	0	1,943507258 conserved hypotheticals
Rv2489c	2	0	1,943507258 conserved hypotheticals
Rv2492	2	0	1,943507258 conserved hypotheticals
Rv2510c	3	1	1,943507258 conserved hypotheticals

Rv2515c	3	1	1,943507258 conserved hypotheticals
Rv2529	0	0	1,943507258 conserved hypotheticals
Rv2541	4	1	1,943507258 conserved hypotheticals
Rv2565	4	2	1,943507258 conserved hypotheticals
Rv2566	3	1	1,943507258 conserved hypotheticals
Rv2567	7	3	1,943507258 conserved hypotheticals
Rv2568c	4	1	1,943507258 conserved hypotheticals
Rv2569c	5	2	1,943507258 conserved hypotheticals
Rv2570	1	0	1,943507258 conserved hypotheticals
Rv2573	0	0	1,943507258 conserved hypotheticals
Rv2577	0	0	1,943507258 conserved hypotheticals
Rv2598	2	1	1,943507258 conserved hypotheticals
Rv2614A	1	0	1,943507258 conserved hypotheticals
Rv2629	38	16	1,943507258 conserved hypotheticals
Rv2630	8	3	1,943507258 conserved hypotheticals
Rv2631	4	2	1,943507258 conserved hypotheticals
Rv2635	0	0	1,943507258 conserved hypotheticals
Rv2636	2	0	1,943507258 conserved hypotheticals
Rv2644c	0	0	1,943507258 conserved hypotheticals
Rv2660c	0	0	1,943507258 conserved hypotheticals
Rv2661c	3	1	1,943507258 conserved hypotheticals
Rv2665	16	6	1,943507258 conserved hypotheticals
Rv2670c	1	0	1,943507258 conserved hypotheticals
Rv2681	5	2	1,943507258 conserved hypotheticals
Rv2689c	3	1	1,943507258 conserved hypotheticals
Rv2706c	0	0	1,943507258 conserved hypotheticals
Rv2714	10	4	1,943507258 conserved hypotheticals
Rv2722	2	0	1,943507258 conserved hypotheticals
Rv2731	8	3	1,943507258 conserved hypotheticals
Rv2733c	5	2	1,943507258 conserved hypotheticals
Rv2734	4	1	1,943507258 conserved hypotheticals
Rv2735c	4	1	1,943507258 conserved hypotheticals
Rv2737A	0	0	1,943507258 conserved hypotheticals
Rv2742c	2	1	1,943507258 conserved hypotheticals

Rv2751	9	3	1,943507258 conserved hypotheticals
Rv2774c	3	1	1,943507258 conserved hypotheticals
Rv2778c	28	12	1,943507258 conserved hypotheticals
Rv2787	2	1	1,943507258 conserved hypotheticals
Rv2797c	3	1	1,943507258 conserved hypotheticals
Rv2804c	0	0	1,943507258 conserved hypotheticals
Rv2805	9	3	1,943507258 conserved hypotheticals
Rv2807	0	0	1,943507258 conserved hypotheticals
Rv2808	2	1	1,943507258 conserved hypotheticals
Rv2813	0	0	1,943507258 conserved hypotheticals
Rv2817c	1	0	1,943507258 conserved hypotheticals
Rv2827c	8	3	1,943507258 conserved hypotheticals
Rv2854	3	1	1,943507258 conserved hypotheticals
Rv2862c	5	2	1,943507258 conserved hypotheticals
Rv2891	0	0	1,943507258 conserved hypotheticals
Rv2896c	4	2	1,943507258 conserved hypotheticals
Rv2897c	1	0	1,943507258 conserved hypotheticals
Rv2898c	13	5	1,943507258 conserved hypotheticals
Rv2910c	9	4	1,943507258 conserved hypotheticals
Rv2917	1	0	1,943507258 conserved hypotheticals
Rv2970A	13	5	1,943507258 conserved hypotheticals
Rv2974c	3	1	1,943507258 conserved hypotheticals
Rv2983	0	0	1,943507258 conserved hypotheticals
Rv2991	5	2	1,943507258 conserved hypotheticals
Rv2998A	0	0	1,943507258 conserved hypotheticals
Rv3015c	4	1	1,943507258 conserved hypotheticals
Rv3026c	2	1	1,943507258 conserved hypotheticals
Rv3035	4	2	1,943507258 conserved hypotheticals
Rv3047c	7	3	1,943507258 conserved hypotheticals
Rv3067	3	1	1,943507258 conserved hypotheticals
Rv3071	1	0	1,943507258 conserved hypotheticals
Rv3073c	4	2	1,943507258 conserved hypotheticals
Rv3074	2	1	1,943507258 conserved hypotheticals
Rv3079c	2	1	1,943507258 conserved hypotheticals

Rv3091	3	1	1,943507258 conserved hypotheticals
Rv3094c	7	3	1,943507258 conserved hypotheticals
Rv3096	7	3	1,943507258 conserved hypotheticals
Rv3108	0	0	1,943507258 conserved hypotheticals
Rv3114	0	0	1,943507258 conserved hypotheticals
Rv3126c	0	0	1,943507258 conserved hypotheticals
Rv3129	0	0	1,943507258 conserved hypotheticals
Rv3165c	2	0	1,943507258 conserved hypotheticals
Rv3166c	3	1	1,943507258 conserved hypotheticals
Rv3178	0	0	1,943507258 conserved hypotheticals
Rv3179	2	0	1,943507258 conserved hypotheticals
Rv3181c	1	0	1,943507258 conserved hypotheticals
Rv3192	0	0	1,943507258 conserved hypotheticals
Rv3195	2	1	1,943507258 conserved hypotheticals
Rv3196	0	0	1,943507258 conserved hypotheticals
Rv3196A	3	1	1,943507258 conserved hypotheticals
Rv3212	20	8	1,943507258 conserved hypotheticals
Rv3235	1	0	1,943507258 conserved hypotheticals
Rv3242c	4	1	1,943507258 conserved hypotheticals
Rv3254	4	2	1,943507258 conserved hypotheticals
Rv3259	2	1	1,943507258 conserved hypotheticals
Rv3294c	0	0	1,943507258 conserved hypotheticals
Rv3333c	1	0	1,943507258 conserved hypotheticals
Rv3337	47	19	1,943507258 conserved hypotheticals
Rv3338	7	2	1,943507258 conserved hypotheticals
Rv3351c	0	0	1,943507258 conserved hypotheticals
Rv3353c	2	0	1,943507258 conserved hypotheticals
Rv3415c	2	1	1,943507258 conserved hypotheticals
Rv3421c	4	2	1,943507258 conserved hypotheticals
Rv3424c	2	0	1,943507258 conserved hypotheticals
Rv3433c	3	1	1,943507258 conserved hypotheticals
Rv3439c	2	1	1,943507258 conserved hypotheticals
Rv3440c	4	2	1,943507258 conserved hypotheticals
Rv3446c	0	0	1,943507258 conserved hypotheticals

Rv3463	2	0	1,943507258 conserved hypotheticals
Rv3471c	0	0	1,943507258 conserved hypotheticals
Rv3488	3	1	1,943507258 conserved hypotheticals
Rv3493c	4	2	1,943507258 conserved hypotheticals
Rv3517	2	0	1,943507258 conserved hypotheticals
Rv3521	2	0	1,943507258 conserved hypotheticals
Rv3527	2	0	1,943507258 conserved hypotheticals
Rv3529c	2	1	1,943507258 conserved hypotheticals
Rv3555c	2	1	1,943507258 conserved hypotheticals
Rv3577	5	2	1,943507258 conserved hypotheticals
Rv3594	3	1	1,943507258 conserved hypotheticals
Rv3611	1	0	1,943507258 conserved hypotheticals
Rv3639c	1	0	1,943507258 conserved hypotheticals
Rv3643	0	0	1,943507258 conserved hypotheticals
Rv3655c	1	0	1,943507258 conserved hypotheticals
Rv3662c	4	1	1,943507258 conserved hypotheticals
Rv3691	5	2	1,943507258 conserved hypotheticals
Rv3698	2	1	1,943507258 conserved hypotheticals
Rv3701c	11	5	1,943507258 conserved hypotheticals
Rv3706c	2	1	1,943507258 conserved hypotheticals
Rv3714c	2	1	1,943507258 conserved hypotheticals
Rv3730c	4	1	1,943507258 conserved hypotheticals
Rv3745c	0	0	1,943507258 conserved hypotheticals
Rv3770c	2	1	1,943507258 conserved hypotheticals
Rv3776	1	0	1,943507258 conserved hypotheticals
Rv3785	7	2	1,943507258 conserved hypotheticals
Rv3786c	3	1	1,943507258 conserved hypotheticals
Rv3787c	1	0	1,943507258 conserved hypotheticals
Rv3788	7	2	1,943507258 conserved hypotheticals
Rv3796	2	0	1,943507258 conserved hypotheticals
Rv3831	1	0	1,943507258 conserved hypotheticals
Rv3832c	0	0	1,943507258 conserved hypotheticals
Rv3836	2	1	1,943507258 conserved hypotheticals
Rv3861	2	0	1,943507258 conserved hypotheticals

Rv3899c	4	1	1,943507258 conserved hypotheticals	
Rv3912	1	0	1,943507258 conserved hypotheticals	
Rv3916c	19	8	1,943507258 conserved hypotheticals	
Rv4002	4	2	1,943507258	NA
Rv4006	0	0	1,943507258	NA
Rv4008	0	0	1,943507258	NA
Rv4013	0	0	1,943507258	NA

NA: Non annotated

Convention Description

DS RPKM RPKM values for Dextrose stationary phase
FS RPKM RPKM values for Fatty Acids stationary phase

FDR Fisher Exact Test Statistically significant differential expression between two conditions is determined by looking at genes with FDR values below 0.05.

Top to bottom parts: Genes are ordered from highest to lowest FDR values

Upper part: Genes with significant higher expression in FS *versus* DS

Middle part: Genes with significant lower expression in FS *versus* DS

Lower part: Genes with no significant differential expression

Table S1B. Fisher Exact Test in Stationary Phase of Growth

GENES	DS RPKM	FS RPKM	FDR Fisher Exact Test	FC/Tuberculist
Rv1169c	213	3	2,88462E-14	PE/PPE
Rv0249c	198	2	3,68546E-14	intermediary metabolism and respiration
Rv2912c	174	1	2,20006E-13	regulatory proteins
Rv3583c	616	57	4,40412E-13	regulatory proteins
Rv0350	548	19	9,0376E-13	virulence, detoxification, adaptation
Rv0251c	598	28	9,0376E-13	virulence, detoxification, adaptation
Rv0351	524	28	9,0376E-13	virulence, detoxification, adaptation
Rv1398c	1041	61	9,0376E-13	virulence, detoxification, adaptation
Rv1528c	171	117	9,0376E-13	lipid metabolism
Rv3875	1252	124	9,0376E-13	cell wall and cell processes
Rv1793	128	110	9,0376E-13	cell wall and cell processes
Rv1806	415	22	9,0376E-13	PE/PPE
Rv2913c	263	2	9,0376E-13	intermediary metabolism and respiration
Rv3250c	633	8	9,0376E-13	intermediary metabolism and respiration
Rv3251c	313	5	9,0376E-13	intermediary metabolism and respiration
Rv0967	625	10	9,0376E-13	regulatory proteins
Rv3219	671	346	9,0376E-13	regulatory proteins
Rv0250c	221	3	9,0376E-13	conserved hypotheticals

Rv0968	609	9	9,0376E-13 conserved hypotheticals
Rv0678	345	6	9,0376E-13 conserved hypotheticals
Rv2517c	635	16	9,0376E-13 conserved hypotheticals
Rv2694c	376	17	9,0376E-13 conserved hypotheticals
Rv4014	2043	42	9,0376E-13 NA
Rv3874	589	55	2,57918E-12 cell wall and cell processes
Rv0136	188	3	3,80227E-12 intermediary metabolism and respiration
Rv0847	238	8	5,38757E-12 cell wall and cell processes
Rv1990c	119	86	8,96424E-12 regulatory proteins
Rv2516c	210	6	2,19742E-11 conserved hypotheticals
Rv1221	612	63	5,9736E-11 information pathways
Rv0440	227	125	9,73387E-11 virulence, detoxification, adaptation
Rv1533	219	8	1,67822E-10 conserved hypotheticals
Rv2780	343	26	2,10815E-09 intermediary metabolism and respiration
Rv0563	143	3	1,82895E-08 virulence, detoxification, adaptation
Rv0140	158	5	5,12343E-08 conserved hypotheticals
Rv3841	156	5	7,59409E-08 intermediary metabolism and respiration
Rv3334	121	2	1,69272E-07 regulatory proteins
Rv1072	335	30	2,04734E-07 cell wall and cell processes
Rv1955	104	1	3,62038E-07 virulence, detoxification, adaptation
Rv3679	335	31	4,61465E-07 cell wall and cell processes
Rv3406	101	1	5,382E-07 intermediary metabolism and respiration
Rv1791	40	37	6,80388E-07 PE/PPE
Rv2011c	111	2	7,7697E-07 regulatory proteins
Rv1807	82	55	1,22745E-06 PE/PPE
Rv0352	343	34	2,11896E-06 virulence, detoxification, adaptation
Rv1168c	118	3	2,12955E-06 PE/PPE
Rv0302	94	1	2,82298E-06 regulatory proteins
Rv2707	154	8	6,23629E-06 conserved hypotheticals
Rv0233	87	1	9,27976E-06 information pathways
Rv0753c	108	3	9,30719E-06 intermediary metabolism and respiration
Rv2699c	78	50	1,02952E-05 conserved hypotheticals
Rv3252c	106	3	1,34085E-05 lipid metabolism
Rv0791c	86	1	1,45732E-05 conserved hypotheticals

Rv1956	83	1	2,06407E-05 virulence, detoxification, adaptation
Rv3407	433	53	2,52582E-05 virulence, detoxification, adaptation
Rv3408	92	2	2,62596E-05 virulence, detoxification, adaptation
Rv0700	105	59	3,07435E-05 information pathways
Rv0353	152	9	4,01291E-05 virulence, detoxification, adaptation
Rv0455c	99	3	0,000065691 conserved hypotheticals
Rv3249c	76	1	6,74152E-05 regulatory proteins
Rv3188	36	30	7,32169E-05 conserved hypotheticals
Rv0709	29	26	9,57129E-05 information pathways
Rv0685	23	23	0,000104241 information pathways
Rv2161c	35	29	0,000107852 intermediary metabolism and respiration
Rv1334	94	3	0,000125578 intermediary metabolism and respiration
Rv2617c	73	1	0,000151002 cell wall and cell processes
Rv0885	46	33	0,000162151 conserved hypotheticals
Rv3248c	101	4	0,000170808 intermediary metabolism and respiration
Rv0654	70	1	0,000216107 intermediary metabolism and respiration
Rv0969	98	4	0,000244073 cell wall and cell processes
Rv2791c	128	63	0,000272083 insertion seqs and phages
Rv0991c	335	41	0,000336166 conserved hypotheticals
Rv0077c	77	2	0,0003725 intermediary metabolism and respiration
Rv0641	41	30	0,000377876 information pathways
Rv2035	142	10	0,000378304 conserved hypotheticals
Rv2010	24	22	0,000379153 virulence, detoxification, adaptation
Rv3873	119	7	0,000405702 PE/PPE
Rv2036	157	12	0,0004108 conserved hypotheticals
Rv3230c	52	34	0,000427819 intermediary metabolism and respiration
Rv3531c	65	1	0,000460912 conserved hypotheticals
Rv1936	67	1	0,000491803 intermediary metabolism and respiration
Rv2651c	43	30	0,000543454 insertion seqs and phages
Rv0677c	83	3	0,000759561 cell wall and cell processes
Rv3206c	194	19	0,001057399 intermediary metabolism and respiration
Rv0248c	71	2	0,001122219 intermediary metabolism and respiration
Rv0282	28	23	0,001160174 cell wall and cell processes
Rv1594	72	2	0,001162402 intermediary metabolism and respiration

Rv3052c	332	43	0,001221997 information pathways
Rv1211	38	27	0,001259433 conserved hypotheticals
Rv2663	59	1	0,001478357 conserved hypotheticals
Rv2514c	60	1	0,00150592 conserved hypotheticals
Rv2503c	69	2	0,001576255 lipid metabolism
Rv3054c	69	2	0,001576255 conserved hypotheticals
Rv2744c	239	27	0,001644703 conserved hypotheticals
Rv3526	108	7	0,001942813 intermediary metabolism and respiration
Rv2840c	31	23	0,002148314 conserved hypotheticals
Rv0787A	18	17	0,002275107 conserved hypotheticals
Rv1311	16	16	0,002336996 intermediary metabolism and respiration
Rv3674c	100	6	0,002493295 information pathways
Rv0634B	106	7	0,002641869 information pathways
Rv0792c	154	14	0,002772313 regulatory proteins
Rv0824c	113	8	0,002775234 lipid metabolism
Rv2919c	60	34	0,002908093 regulatory proteins
Rv0827c	64	2	0,003228703 regulatory proteins
Rv2515c	73	3	0,004539114 conserved hypotheticals
Rv2504c	54	1	0,004772463 lipid metabolism
Rv0708	20	17	0,004951926 information pathways
Rv2137c	68	36	0,005674312 conserved hypotheticals
Rv0703	24	19	0,006007678 information pathways
Rv3582c	182	20	0,007179321 intermediary metabolism and respiration
Rv3503c	121	10	0,007227513 intermediary metabolism and respiration
Rv3570c	67	3	0,008700913 intermediary metabolism and respiration
Rv2662	68	3	0,008820613 conserved hypotheticals
Rv1797	15	14	0,0088322 cell wall and cell processes
Rv0983	124	11	0,0090376 intermediary metabolism and respiration
Rv0982	26	19	0,009043856 regulatory proteins
Rv3865	104	8	0,009257378 cell wall and cell processes
Rv0076c	49	1	0,009659901 cell wall and cell processes
Rv1222	231	29	0,010274047 information pathways
Rv0984	135	13	0,010847124 intermediary metabolism and respiration
Rv0475	66	34	0,010888214 cell wall and cell processes

Rv2244	27	19	0,011354831 lipid metabolism
Rv0275c	66	3	0,012166756 regulatory proteins
Rv3648c	58	31	0,012643295 virulence, detoxification, adaptation
Rv1073	103	8	0,012699589 conserved hypotheticals
Rv1173	35	22	0,01298283 intermediary metabolism and respiration
Rv1586c	47	1	0,013841678 insertion seqs and phages
Rv3855	46	1	0,013846264 regulatory proteins
Rv3535c	73	4	0,013902236 intermediary metabolism and respiration
Rv3854c	80	5	0,015087564 intermediary metabolism and respiration
Rv1386	86	6	0,015536047 PE/PPE
Rv2307D	35	0	0,016496766 conserved hypotheticals
Rv1894c	64	3	0,016846484 conserved hypotheticals
Rv3613c	17	14	0,017873468 conserved hypotheticals
Rv2713	15	13	0,019230463 intermediary metabolism and respiration
Rv1297	142	15	0,020111339 information pathways
Rv2868c	260	36	0,020397732 conserved hypotheticals
Rv2650c	13	12	0,020469172 insertion seqs and phages
Rv1405c	83	6	0,020663416 intermediary metabolism and respiration
Rv0932c	28	19	0,021154444 cell wall and cell processes
Rv1643	11	11	0,021221753 information pathways
Rv2657c	22	16	0,023986542 insertion seqs and phages
Rv2987c	33	0	0,024201105 intermediary metabolism and respiration
Rv0331	32	0	0,024233748 intermediary metabolism and respiration
Rv3545c	52	2	0,026557112 intermediary metabolism and respiration
Rv0970	42	1	0,028048885 cell wall and cell processes
Rv0837c	43	1	0,028655396 conserved hypotheticals
Rv0805	23	16	0,029340472 intermediary metabolism and respiration
Rv3456c	27	18	0,030901474 information pathways
Rv0390	10	10	0,033490924 conserved hypotheticals
Rv1397c	107	10	0,034770112 virulence, detoxification, adaptation
Rv0752c	66	4	0,034860717 lipid metabolism
Rv0724	21	15	0,03584719 cell wall and cell processes
Rv1957	31	0	0,036160142 conserved hypotheticals
Rv0655	80	6	0,03792622 cell wall and cell processes

Rv2879c	80	6	0,03792622 conserved hypotheticals
Rv0138	40	1	0,040646734 conserved hypotheticals
Rv0232	41	1	0,041221655 regulatory proteins
Rv4003	22	15	0,043839573 NA
Rv1576c	13	11	0,045781551 insertion seqs and phages
Rv2032	13	11	0,045781551 conserved hypotheticals
Rv2185c	13	11	0,045781551 conserved hypotheticals
Rv2461c	90	8	0,047519985 intermediary metabolism and respiration
Rv3750c	77	6	0,04920403 insertion seqs and phages
Rv3765c	11	10	0,049326772 regulatory proteins
Rv2005c	4	26	3,15512E-13 virulence, detoxification, adaptation
Rv2623	26	80	9,0376E-13 virulence, detoxification, adaptation
Rv2031c	19	115	9,0376E-13 virulence, detoxification, adaptation
Rv0960	4	38	9,0376E-13 virulence, detoxification, adaptation
Rv3134c	7	24	3,19381E-10 virulence, detoxification, adaptation
Rv1996	21	25	6,26801E-06 virulence, detoxification, adaptation
Rv3385c	15	20	3,33988E-05 virulence, detoxification, adaptation
Rv1560	2	7	0,005675702 virulence, detoxification, adaptation
Rv2760c	1	6	0,006698202 virulence, detoxification, adaptation
Rv3130c	16	37	2,07267E-13 lipid metabolism
Rv2794c	4	12	8,32674E-05 lipid metabolism
Rv0243	10	16	9,86964E-05 lipid metabolism
Rv2931	3	6	0,041431658 lipid metabolism
Rv3371	3	6	0,041431658 lipid metabolism
Rv0701	29	40	1,16256E-10 information pathways
Rv0710	11	20	2,35603E-06 information pathways
Rv1317c	1	9	0,000108302 information pathways
Rv0702	11	15	0,000506175 information pathways
Rv0704	11	14	0,001398827 information pathways
Rv0570	3	8	0,004241907 information pathways
Rv0652	3	6	0,041431658 information pathways
Rv0341	5	27	3,56959E-13 cell wall and cell processes
Rv2091c	20	39	5,66988E-13 cell wall and cell processes
Rv3614c	38	57	9,0376E-13 cell wall and cell processes

Rv0289	31	53	9,0376E-13 cell wall and cell processes
Rv3615c	51	88	9,0376E-13 cell wall and cell processes
Rv3616c	29	92	9,0376E-13 cell wall and cell processes
Rv2477c	15	35	9,14441E-13 cell wall and cell processes
Rv0287	8	28	4,9482E-12 cell wall and cell processes
Rv2625c	5	16	1,44367E-06 cell wall and cell processes
Rv0288	9	19	1,54896E-06 cell wall and cell processes
Rv3236c	7	13	0,000334644 cell wall and cell processes
Rv2916c	7	12	0,00099619 cell wall and cell processes
Rv2376c	1	7	0,001701708 cell wall and cell processes
Rv2846c	14	15	0,002333917 cell wall and cell processes
Rv1690	2	7	0,005675702 cell wall and cell processes
Rv1779c	4	8	0,009501538 cell wall and cell processes
Rv1733c	6	9	0,012238665 cell wall and cell processes
Rv2586c	2	6	0,018878542 cell wall and cell processes
Rv1184c	1	5	0,023986542 cell wall and cell processes
Rv0103c	4	7	0,02751681 cell wall and cell processes
Rv0290	3	6	0,041431658 cell wall and cell processes
Rv1572c	0	4	0,02418585 insertion seqs and phages
Rv3477	24	70	9,0376E-13 PE/PPE
Rv3478	4	30	9,0376E-13 PE/PPE
Rv2430c	14	30	1,73331E-10 PE/PPE
Rv2431c	15	28	4,55988E-09 PE/PPE
Rv0280	8	13	0,00064293 PE/PPE
Rv0285	1	7	0,001701708 PE/PPE
Rv2396	9	12	0,00325427 PE/PPE
Rv0286	3	7	0,013662475 PE/PPE
Rv1789	6	8	0,03216829 PE/PPE
Rv0211	24	44	4,0268E-14 intermediary metabolism and respiration
Rv2007c	40	87	9,0376E-13 intermediary metabolism and respiration
Rv2697c	22	53	9,0376E-13 intermediary metabolism and respiration
Rv1848	4	35	9,0376E-13 intermediary metabolism and respiration
Rv3001c	13	32	5,68174E-12 intermediary metabolism and respiration
Rv0467	21	32	3,87746E-09 intermediary metabolism and respiration

Rv0510	10	19	3,42815E-06	intermediary metabolism and respiration
Rv2995c	5	13	6,54265E-05	intermediary metabolism and respiration
Rv2584c	13	18	0,000080142	intermediary metabolism and respiration
Rv1652	4	12	8,32674E-05	intermediary metabolism and respiration
Rv3341	3	11	0,000101526	intermediary metabolism and respiration
Rv3342	3	10	0,000373143	intermediary metabolism and respiration
Rv1324	9	14	0,000427055	intermediary metabolism and respiration
Rv1284	2	8	0,001589202	intermediary metabolism and respiration
Rv1465	5	10	0,00209508	intermediary metabolism and respiration
Rv1133c	6	9	0,012238665	intermediary metabolism and respiration
Rv3002c	10	11	0,013925552	intermediary metabolism and respiration
Rv2996c	2	6	0,018878542	intermediary metabolism and respiration
Rv3704c	2	6	0,018878542	intermediary metabolism and respiration
Rv0939	4	7	0,02751681	intermediary metabolism and respiration
Rv3133c	5	13	6,54265E-05	regulatory proteins
Rv2718c	7	12	0,00099619	regulatory proteins
Rv3416	11	12	0,009134623	regulatory proteins
Rv0081	10	11	0,013925552	regulatory proteins
Rv1738	88	101	9,0376E-13	conserved hypotheticals
Rv1535	64	81	9,0376E-13	conserved hypotheticals
Rv1989c	51	66	9,0376E-13	conserved hypotheticals
Rv2696c	60	82	9,0376E-13	conserved hypotheticals
Rv1065	30	72	9,0376E-13	conserved hypotheticals
Rv0569	14	43	9,0376E-13	conserved hypotheticals
Rv3131	13	52	9,0376E-13	conserved hypotheticals
Rv1066	10	41	9,0376E-13	conserved hypotheticals
Rv2626c	9	42	9,0376E-13	conserved hypotheticals
Rv2030c	4	21	3,875E-10	conserved hypotheticals
Rv0080	2	18	1,19006E-09	conserved hypotheticals
Rv2629	32	36	4,15964E-08	conserved hypotheticals
Rv3686c	6	18	3,25463E-07	conserved hypotheticals
Rv0079	10	21	3,37072E-07	conserved hypotheticals
Rv0628c	10	20	1,09864E-06	conserved hypotheticals
Rv2627c	7	17	2,9573E-06	conserved hypotheticals

Rv3207c	5	15	5,20644E-06 conserved hypotheticals
Rv1194c	7	16	1,00921E-05 conserved hypotheticals
Rv2628	15	21	1,17721E-05 conserved hypotheticals
Rv1466	17	21	0,000037544 conserved hypotheticals
Rv2777c	17	18	0,000621583 conserved hypotheticals
Rv1078	2	8	0,001589202 conserved hypotheticals
Rv1847	2	8	0,001589202 conserved hypotheticals
Rv3127	9	12	0,00325427 conserved hypotheticals
Rv1887	7	10	0,008052106 conserved hypotheticals
Rv3612c	10	11	0,013925552 conserved hypotheticals
Rv3208A	2	6	0,018878542 conserved hypotheticals
Rv2661c	0	5	0,005982821 conserved hypotheticals
Rv2865	39	1	0,060356 virulence, detoxification, adaptation
Rv0609	81	7	0,062349993 virulence, detoxification, adaptation
Rv3384c	8	7	0,174733036 virulence, detoxification, adaptation
Rv1741	39	2	0,180594863 virulence, detoxification, adaptation
Rv3417c	37	18	0,186147248 virulence, detoxification, adaptation
Rv0660c	16	10	0,238137275 virulence, detoxification, adaptation
Rv1959c	56	5	0,240048283 virulence, detoxification, adaptation
Rv2830c	37	2	0,244720907 virulence, detoxification, adaptation
Rv3372	1	3	0,257111256 virulence, detoxification, adaptation
Rv3418c	544	159	0,291978215 virulence, detoxification, adaptation
Rv3171c	10	7	0,300911 virulence, detoxification, adaptation
Rv2063	0	2	0,334966855 virulence, detoxification, adaptation
Rv2104c	39	3	0,403390782 virulence, detoxification, adaptation
Rv2521	9	6	0,411415431 virulence, detoxification, adaptation
Rv2374c	40	3	0,412430159 virulence, detoxification, adaptation
Rv0550c	4	4	0,413484436 virulence, detoxification, adaptation
Rv3846	4	4	0,413484436 virulence, detoxification, adaptation
Rv0384c	146	23	0,481158011 virulence, detoxification, adaptation
Rv1908c	51	20	0,512629046 virulence, detoxification, adaptation
Rv3922c	17	9	0,545146551 virulence, detoxification, adaptation
Rv0749	5	4	0,552732111 virulence, detoxification, adaptation
Rv0608	130	21	0,601876855 virulence, detoxification, adaptation

Rv1960c	20	1	0,616502504 virulence, detoxification, adaptation
Rv1694	3	3	0,62647 virulence, detoxification, adaptation
Rv2595	3	3	0,62647 virulence, detoxification, adaptation
Rv0168	1	2	0,643390112 virulence, detoxification, adaptation
Rv1720c	1	2	0,643390112 virulence, detoxification, adaptation
Rv2373c	65	9	0,768469867 virulence, detoxification, adaptation
Rv2550c	33	3	0,782530909 virulence, detoxification, adaptation
Rv2624c	8	5	0,81076095 virulence, detoxification, adaptation
Rv3269	18	1	0,816741656 virulence, detoxification, adaptation
Rv0587	59	8	0,862520569 virulence, detoxification, adaptation
Rv0595c	0	1	0,891983427 virulence, detoxification, adaptation
Rv1563c	0	1	0,891983427 virulence, detoxification, adaptation
Rv2006	0	1	0,891983427 virulence, detoxification, adaptation
Rv2872	0	1	0,891983427 virulence, detoxification, adaptation
Rv3757c	0	1	0,891983427 virulence, detoxification, adaptation
Rv0664	2	2	0,902076825 virulence, detoxification, adaptation
Rv2759c	2	2	0,902076825 virulence, detoxification, adaptation
Rv0623	11	5	0,915485005 virulence, detoxification, adaptation
Rv3490	11	5	0,915485005 virulence, detoxification, adaptation
Rv2548	9	0	0,932297131 virulence, detoxification, adaptation
Rv1962c	10	0	0,942423529 virulence, detoxification, adaptation
Rv0871	12	5	0,948020735 virulence, detoxification, adaptation
Rv1965	7	0	0,965258939 virulence, detoxification, adaptation
Rv2866	7	0	0,965258939 virulence, detoxification, adaptation
Rv2527	8	0	0,980645136 virulence, detoxification, adaptation
Rv3082c	8	0	0,980645136 virulence, detoxification, adaptation
Rv2190c	3	2	1,017645149 virulence, detoxification, adaptation
Rv1991c	6	3	1,023060102 virulence, detoxification, adaptation
Rv2829c	6	3	1,023060102 virulence, detoxification, adaptation
Rv2549c	12	1	1,031469845 virulence, detoxification, adaptation
Rv2602	12	1	1,031469845 virulence, detoxification, adaptation
Rv3176c	12	1	1,031469845 virulence, detoxification, adaptation
Rv0582	11	1	1,032354536 virulence, detoxification, adaptation
Rv2299c	11	1	1,032354536 virulence, detoxification, adaptation

Rv3168	11	1	1,032354536 virulence, detoxification, adaptation
Rv0588	57	9	1,039743796 virulence, detoxification, adaptation
Rv0300	47	8	1,044768898 virulence, detoxification, adaptation
Rv2601A	27	4	1,045653566 virulence, detoxification, adaptation
Rv0657c	7	3	1,073553923 virulence, detoxification, adaptation
Rv0134	17	6	1,079485504 virulence, detoxification, adaptation
Rv0659c	47	14	1,07984106 virulence, detoxification, adaptation
Rv0626	16	5	1,082039404 virulence, detoxification, adaptation
Rv1082	9	4	1,090043564 virulence, detoxification, adaptation
Rv1102c	5	0	1,093861497 virulence, detoxification, adaptation
Rv1114	5	0	1,093861497 virulence, detoxification, adaptation
Rv1838c	6	0	1,107198572 virulence, detoxification, adaptation
Rv1964	6	0	1,107198572 virulence, detoxification, adaptation
Rv1938	15	1	1,126699026 virulence, detoxification, adaptation
Rv1952	15	1	1,126699026 virulence, detoxification, adaptation
Rv0262c	5	2	1,132270883 virulence, detoxification, adaptation
Rv0665	5	2	1,132270883 virulence, detoxification, adaptation
Rv0589	22	3	1,142844091 virulence, detoxification, adaptation
Rv1636	15	2	1,146799395 virulence, detoxification, adaptation
Rv1982c	17	2	1,149582391 virulence, detoxification, adaptation
Rv0167	6	2	1,154704835 virulence, detoxification, adaptation
Rv1942c	6	2	1,154704835 virulence, detoxification, adaptation
Rv0169	1	1	1,155519357 virulence, detoxification, adaptation
Rv0554	1	1	1,155519357 virulence, detoxification, adaptation
Rv0798c	1	1	1,155519357 virulence, detoxification, adaptation
Rv1026	1	1	1,155519357 virulence, detoxification, adaptation
Rv1124	1	1	1,155519357 virulence, detoxification, adaptation
Rv1562c	1	1	1,155519357 virulence, detoxification, adaptation
Rv1932	1	1	1,155519357 virulence, detoxification, adaptation
Rv2028c	1	1	1,155519357 virulence, detoxification, adaptation
Rv2416c	1	1	1,155519357 virulence, detoxification, adaptation
Rv2429	1	1	1,155519357 virulence, detoxification, adaptation
Rv2871	1	1	1,155519357 virulence, detoxification, adaptation
Rv3498c	1	1	1,155519357 virulence, detoxification, adaptation

Rv3670	1	1	1,155519357 virulence, detoxification, adaptation
Rv3758c	1	1	1,155519357 virulence, detoxification, adaptation
Rv1103c	15	5	1,167008184 virulence, detoxification, adaptation
Rv0301	21	7	1,168514286 virulence, detoxification, adaptation
Rv0634c	9	1	1,171820425 virulence, detoxification, adaptation
Rv0239	32	6	1,174939457 virulence, detoxification, adaptation
Rv0171	2	1	1,177742083 virulence, detoxification, adaptation
Rv0591	2	1	1,177742083 virulence, detoxification, adaptation
Rv1085c	2	1	1,177742083 virulence, detoxification, adaptation
Rv1123c	2	1	1,177742083 virulence, detoxification, adaptation
Rv1564c	2	1	1,177742083 virulence, detoxification, adaptation
Rv2428	2	1	1,177742083 virulence, detoxification, adaptation
Rv2740	2	1	1,177742083 virulence, detoxification, adaptation
Rv3499c	2	1	1,177742083 virulence, detoxification, adaptation
Rv3756c	2	1	1,177742083 virulence, detoxification, adaptation
Rv1721c	7	2	1,179167167 virulence, detoxification, adaptation
Rv2526	7	2	1,179167167 virulence, detoxification, adaptation
Rv0592	3	1	1,180692338 virulence, detoxification, adaptation
Rv0594	3	1	1,180692338 virulence, detoxification, adaptation
Rv0598c	3	1	1,180692338 virulence, detoxification, adaptation
Rv1477	3	1	1,180692338 virulence, detoxification, adaptation
Rv1966	3	1	1,180692338 virulence, detoxification, adaptation
Rv2026c	3	1	1,180692338 virulence, detoxification, adaptation
Rv2214c	3	1	1,180692338 virulence, detoxification, adaptation
Rv3500c	3	1	1,180692338 virulence, detoxification, adaptation
Rv3660c	3	1	1,180692338 virulence, detoxification, adaptation
Rv3661	3	1	1,180692338 virulence, detoxification, adaptation
Rv0170	4	2	1,186675548 virulence, detoxification, adaptation
Rv0174	4	2	1,186675548 virulence, detoxification, adaptation
Rv0432	4	2	1,186675548 virulence, detoxification, adaptation
Rv1113	4	2	1,186675548 virulence, detoxification, adaptation
Rv1943c	4	2	1,186675548 virulence, detoxification, adaptation
Rv3100c	4	2	1,186675548 virulence, detoxification, adaptation
Rv0627	10	3	1,188374024 virulence, detoxification, adaptation

Rv2103c	10	3	1,188374024	virulence, detoxification, adaptation
Rv0617	14	2	1,213683268	virulence, detoxification, adaptation
Rv1740	15	4	1,243303357	virulence, detoxification, adaptation
Rv0240	8	1	1,56554878	virulence, detoxification, adaptation
Rv0590A	8	1	1,56554878	virulence, detoxification, adaptation
Rv0599c	8	1	1,56554878	virulence, detoxification, adaptation
Rv1242	8	1	1,56554878	virulence, detoxification, adaptation
Rv1953	8	1	1,56554878	virulence, detoxification, adaptation
Rv0126	7	1	1,56554878	virulence, detoxification, adaptation
Rv1247c	7	1	1,56554878	virulence, detoxification, adaptation
Rv3697c	7	1	1,56554878	virulence, detoxification, adaptation
Rv0127	6	1	1,56554878	virulence, detoxification, adaptation
Rv0549c	6	1	1,56554878	virulence, detoxification, adaptation
Rv0590	11	2	1,56554878	virulence, detoxification, adaptation
Rv0065	10	2	1,56554878	virulence, detoxification, adaptation
Rv0596c	5	1	1,56554878	virulence, detoxification, adaptation
Rv0656c	5	1	1,56554878	virulence, detoxification, adaptation
Rv0748	5	1	1,56554878	virulence, detoxification, adaptation
Rv1839c	10	2	1,56554878	virulence, detoxification, adaptation
Rv2238c	5	1	1,56554878	virulence, detoxification, adaptation
Rv3357	5	1	1,56554878	virulence, detoxification, adaptation
Rv3617	5	1	1,56554878	virulence, detoxification, adaptation
Rv2009	29	6	1,56554878	virulence, detoxification, adaptation
Rv2530A	29	6	1,56554878	virulence, detoxification, adaptation
Rv0277c	23	5	1,56554878	virulence, detoxification, adaptation
Rv0581	18	4	1,56554878	virulence, detoxification, adaptation
Rv0624	17	4	1,56554878	virulence, detoxification, adaptation
Rv0172	4	1	1,56554878	virulence, detoxification, adaptation
Rv1241	12	3	1,56554878	virulence, detoxification, adaptation
Rv1901	4	1	1,56554878	virulence, detoxification, adaptation
Rv2142c	12	3	1,56554878	virulence, detoxification, adaptation
Rv3759c	4	1	1,56554878	virulence, detoxification, adaptation
Rv0024	4	0	1,56554878	virulence, detoxification, adaptation
Rv0456A	1	0	1,56554878	virulence, detoxification, adaptation

Rv0661c	0	0	1,56554878 virulence, detoxification, adaptation
Rv0662c	0	0	1,56554878 virulence, detoxification, adaptation
Rv1246c	2	0	1,56554878 virulence, detoxification, adaptation
Rv1478	3	0	1,56554878 virulence, detoxification, adaptation
Rv1494	4	0	1,56554878 virulence, detoxification, adaptation
Rv1495	1	0	1,56554878 virulence, detoxification, adaptation
Rv1561	4	0	1,56554878 virulence, detoxification, adaptation
Rv1566c	2	0	1,56554878 virulence, detoxification, adaptation
Rv1608c	2	0	1,56554878 virulence, detoxification, adaptation
Rv1967	1	0	1,56554878 virulence, detoxification, adaptation
Rv1968	1	0	1,56554878 virulence, detoxification, adaptation
Rv1969	0	0	1,56554878 virulence, detoxification, adaptation
Rv1971	2	0	1,56554878 virulence, detoxification, adaptation
Rv2274c	2	0	1,56554878 virulence, detoxification, adaptation
Rv2303c	2	0	1,56554878 virulence, detoxification, adaptation
Rv2319c	1	0	1,56554878 virulence, detoxification, adaptation
Rv2493	2	0	1,56554878 virulence, detoxification, adaptation
Rv2494	2	0	1,56554878 virulence, detoxification, adaptation
Rv2530c	1	0	1,56554878 virulence, detoxification, adaptation
Rv2545	1	0	1,56554878 virulence, detoxification, adaptation
Rv2546	0	0	1,56554878 virulence, detoxification, adaptation
Rv2547	3	0	1,56554878 virulence, detoxification, adaptation
Rv2581c	4	0	1,56554878 virulence, detoxification, adaptation
Rv2596	4	0	1,56554878 virulence, detoxification, adaptation
Rv2757c	2	0	1,56554878 virulence, detoxification, adaptation
Rv2758c	3	0	1,56554878 virulence, detoxification, adaptation
Rv2801c	1	0	1,56554878 virulence, detoxification, adaptation
Rv2863	0	0	1,56554878 virulence, detoxification, adaptation
Rv3063	4	0	1,56554878 virulence, detoxification, adaptation
Rv3177	2	0	1,56554878 virulence, detoxification, adaptation
Rv3320c	3	0	1,56554878 virulence, detoxification, adaptation
Rv3321c	3	0	1,56554878 virulence, detoxification, adaptation
Rv3358	2	0	1,56554878 virulence, detoxification, adaptation
Rv3473c	0	0	1,56554878 virulence, detoxification, adaptation

Rv3494c	1	0	1,56554878 virulence, detoxification, adaptation
Rv3496c	1	0	1,56554878 virulence, detoxification, adaptation
Rv3497c	1	0	1,56554878 virulence, detoxification, adaptation
Rv3501c	4	0	1,56554878 virulence, detoxification, adaptation
Rv3061c	55	3	0,058818431 lipid metabolism
Rv0281	14	11	0,062137091 lipid metabolism
Rv3800c	12	10	0,068692536 lipid metabolism
Rv1180	1	4	0,080382111 lipid metabolism
Rv2500c	41	21	0,080799473 lipid metabolism
Rv3825c	7	7	0,120728181 lipid metabolism
Rv1627c	15	10	0,200643368 lipid metabolism
Rv0468	11	8	0,209271414 lipid metabolism
Rv1663	16	10	0,238137275 lipid metabolism
Rv3373	1	3	0,257111256 lipid metabolism
Rv3515c	27	1	0,286143448 lipid metabolism
Rv0533c	3	4	0,292939524 lipid metabolism
Rv1484	3	4	0,292939524 lipid metabolism
Rv2948c	3	4	0,292939524 lipid metabolism
Rv2523c	0	2	0,334966855 lipid metabolism
Rv3374	0	2	0,334966855 lipid metabolism
Rv0088	12	8	0,346184583 lipid metabolism
Rv1472	41	18	0,380508687 lipid metabolism
Rv0643c	6	5	0,380970124 lipid metabolism
Rv2247	6	5	0,380970124 lipid metabolism
Rv2947c	6	5	0,380970124 lipid metabolism
Rv1760	13	8	0,391253871 lipid metabolism
Rv3799c	9	6	0,411415431 lipid metabolism
Rv1662	4	4	0,413484436 lipid metabolism
Rv1074c	7	5	0,485900548 lipid metabolism
Rv3767c	7	5	0,485900548 lipid metabolism
Rv3504	37	3	0,504468227 lipid metabolism
Rv1344	5	4	0,552732111 lipid metabolism
Rv3513c	20	1	0,616502504 lipid metabolism
Rv2612c	3	3	0,62647 lipid metabolism

Rv1185c	1	2	0,643390112 lipid metabolism
Rv3281	1	2	0,643390112 lipid metabolism
Rv3540c	1	2	0,643390112 lipid metabolism
Rv3804c	16	8	0,668784724 lipid metabolism
Rv1094	39	15	0,707038873 lipid metabolism
Rv3221c	67	23	0,777410359 lipid metabolism
Rv3546	23	2	0,879736108 lipid metabolism
Rv2245	26	10	0,880895119 lipid metabolism
Rv2246	10	5	0,886611927 lipid metabolism
Rv0860	24	10	0,886858514 lipid metabolism
Rv2483c	5	3	0,890066667 lipid metabolism
Rv3480c	5	3	0,890066667 lipid metabolism
Rv1135A	0	1	0,891983427 lipid metabolism
Rv1182	0	1	0,891983427 lipid metabolism
Rv1679	0	1	0,891983427 lipid metabolism
Rv2385	0	1	0,891983427 lipid metabolism
Rv2831	0	1	0,891983427 lipid metabolism
Rv3791	0	1	0,891983427 lipid metabolism
Rv0154c	2	2	0,902076825 lipid metabolism
Rv0230c	2	2	0,902076825 lipid metabolism
Rv1193	2	2	0,902076825 lipid metabolism
Rv2679	2	2	0,902076825 lipid metabolism
Rv2789c	2	2	0,902076825 lipid metabolism
Rv2939	2	2	0,902076825 lipid metabolism
Rv2982c	2	2	0,902076825 lipid metabolism
Rv2613c	9	0	0,932297131 lipid metabolism
Rv3516	10	0	0,942423529 lipid metabolism
Rv0270	12	5	0,948020735 lipid metabolism
Rv0726c	7	0	0,965258939 lipid metabolism
Rv0099	3	2	1,017645149 lipid metabolism
Rv0905	3	2	1,017645149 lipid metabolism
Rv1544	3	2	1,017645149 lipid metabolism
Rv1618	3	2	1,017645149 lipid metabolism
Rv3761c	3	2	1,017645149 lipid metabolism

Rv3824c	3	2	1,017645149 lipid metabolism
Rv0642c	6	3	1,023060102 lipid metabolism
Rv3720	6	3	1,023060102 lipid metabolism
Rv0145	27	9	1,029064322 lipid metabolism
Rv0830	12	1	1,031469845 lipid metabolism
Rv1527c	11	1	1,032354536 lipid metabolism
Rv3505	18	2	1,036154677 lipid metabolism
Rv0045c	13	1	1,045711168 lipid metabolism
Rv3229c	67	21	1,052604914 lipid metabolism
Rv1483	7	3	1,073553923 lipid metabolism
Rv2935	11	4	1,075323219 lipid metabolism
Rv3734c	9	4	1,090043564 lipid metabolism
Rv3233c	5	0	1,093861497 lipid metabolism
Rv2386c	6	0	1,107198572 lipid metabolism
Rv3740c	6	0	1,107198572 lipid metabolism
Rv3140	19	6	1,108162472 lipid metabolism
Rv0469	20	6	1,121612319 lipid metabolism
Rv2724c	5	2	1,132270883 lipid metabolism
Rv3141	5	2	1,132270883 lipid metabolism
Rv1323	25	7	1,132838175 lipid metabolism
Rv3544c	23	3	1,132864773 lipid metabolism
Rv2940c	35	11	1,142451131 lipid metabolism
Rv3383c	22	3	1,142844091 lipid metabolism
Rv3801c	24	7	1,143516538 lipid metabolism
Rv0146	8	3	1,143564814 lipid metabolism
Rv2605c	8	3	1,143564814 lipid metabolism
Rv0242c	6	2	1,154704835 lipid metabolism
Rv1425	6	2	1,154704835 lipid metabolism
Rv1886c	6	2	1,154704835 lipid metabolism
Rv2484c	6	2	1,154704835 lipid metabolism
Rv3285	6	2	1,154704835 lipid metabolism
Rv0101	1	1	1,155519357 lipid metabolism
Rv0131c	1	1	1,155519357 lipid metabolism
Rv0437c	1	1	1,155519357 lipid metabolism

Rv0447c	1	1	1,155519357 lipid metabolism
Rv0904c	1	1	1,155519357 lipid metabolism
Rv0973c	1	1	1,155519357 lipid metabolism
Rv1058	1	1	1,155519357 lipid metabolism
Rv1136	1	1	1,155519357 lipid metabolism
Rv1181	1	1	1,155519357 lipid metabolism
Rv1933c	1	1	1,155519357 lipid metabolism
Rv2261c	1	1	1,155519357 lipid metabolism
Rv2262c	1	1	1,155519357 lipid metabolism
Rv2380c	1	1	1,155519357 lipid metabolism
Rv2383c	1	1	1,155519357 lipid metabolism
Rv2610c	1	1	1,155519357 lipid metabolism
Rv2611c	1	1	1,155519357 lipid metabolism
Rv2932	1	1	1,155519357 lipid metabolism
Rv2933	1	1	1,155519357 lipid metabolism
Rv3107c	1	1	1,155519357 lipid metabolism
Rv2930	19	7	1,16839331 lipid metabolism
Rv2941	19	7	1,16839331 lipid metabolism
Rv0557	9	3	1,175481928 lipid metabolism
Rv0098	2	1	1,177742083 lipid metabolism
Rv0436c	2	1	1,177742083 lipid metabolism
Rv0564c	2	1	1,177742083 lipid metabolism
Rv0852	2	1	1,177742083 lipid metabolism
Rv0975c	2	1	1,177742083 lipid metabolism
Rv1141c	2	1	1,177742083 lipid metabolism
Rv1153c	2	1	1,177742083 lipid metabolism
Rv1345	2	1	1,177742083 lipid metabolism
Rv1350	2	1	1,177742083 lipid metabolism
Rv1521	2	1	1,177742083 lipid metabolism
Rv1661	2	1	1,177742083 lipid metabolism
Rv1683	2	1	1,177742083 lipid metabolism
Rv2188c	2	1	1,177742083 lipid metabolism
Rv2252	2	1	1,177742083 lipid metabolism
Rv2289	2	1	1,177742083 lipid metabolism

Rv2881c	2	1	1,177742083 lipid metabolism
Rv2928	2	1	1,177742083 lipid metabolism
Rv2946c	2	1	1,177742083 lipid metabolism
Rv3087	2	1	1,177742083 lipid metabolism
Rv3391	2	1	1,177742083 lipid metabolism
Rv3399	2	1	1,177742083 lipid metabolism
Rv1664	7	2	1,179167167 lipid metabolism
Rv3573c	7	2	1,179167167 lipid metabolism
Rv0166	3	1	1,180692338 lipid metabolism
Rv0215c	3	1	1,180692338 lipid metabolism
Rv0221	3	1	1,180692338 lipid metabolism
Rv0222	3	1	1,180692338 lipid metabolism
Rv0551c	3	1	1,180692338 lipid metabolism
Rv0675	3	1	1,180692338 lipid metabolism
Rv1206	3	1	1,180692338 lipid metabolism
Rv1467c	3	1	1,180692338 lipid metabolism
Rv1543	3	1	1,180692338 lipid metabolism
Rv3280	3	1	1,180692338 lipid metabolism
Rv3409c	3	1	1,180692338 lipid metabolism
Rv3667	3	1	1,180692338 lipid metabolism
Rv1660	4	2	1,186675548 lipid metabolism
Rv2048c	10	3	1,188374024 lipid metabolism
Rv2243	10	3	1,188374024 lipid metabolism
Rv3274c	13	2	1,215391325 lipid metabolism
Rv0859	13	4	1,218883666 lipid metabolism
Rv3139	14	4	1,228707776 lipid metabolism
Rv2501c	19	3	1,254088199 lipid metabolism
Rv0244c	18	5	1,25944725 lipid metabolism
Rv1925	22	6	1,281240785 lipid metabolism
Rv1529	8	1	1,56554878 lipid metabolism
Rv1346	7	1	1,56554878 lipid metabolism
Rv1935c	7	1	1,56554878 lipid metabolism
Rv3543c	7	1	1,56554878 lipid metabolism
Rv0129c	6	1	1,56554878 lipid metabolism

Rv0271c	6	1	1,56554878 lipid metabolism
Rv0400c	6	1	1,56554878 lipid metabolism
Rv0503c	12	2	1,56554878 lipid metabolism
Rv0644c	6	1	1,56554878 lipid metabolism
Rv0673	6	1	1,56554878 lipid metabolism
Rv0914c	6	1	1,56554878 lipid metabolism
Rv1492	6	1	1,56554878 lipid metabolism
Rv0214	11	2	1,56554878 lipid metabolism
Rv1665	16	3	1,56554878 lipid metabolism
Rv0470c	5	1	1,56554878 lipid metabolism
Rv0632c	10	2	1,56554878 lipid metabolism
Rv0645c	5	1	1,56554878 lipid metabolism
Rv0672	10	2	1,56554878 lipid metabolism
Rv0972c	5	1	1,56554878 lipid metabolism
Rv1347c	5	1	1,56554878 lipid metabolism
Rv1750c	5	1	1,56554878 lipid metabolism
Rv1822	5	1	1,56554878 lipid metabolism
Rv2505c	5	1	1,56554878 lipid metabolism
Rv3234c	5	1	1,56554878 lipid metabolism
Rv3556c	5	1	1,56554878 lipid metabolism
Rv3803c	10	2	1,56554878 lipid metabolism
Rv0873	9	2	1,56554878 lipid metabolism
Rv1814	9	2	1,56554878 lipid metabolism
Rv2502c	9	2	1,56554878 lipid metabolism
Rv3774	9	2	1,56554878 lipid metabolism
Rv3523	17	4	1,56554878 lipid metabolism
Rv0405	4	1	1,56554878 lipid metabolism
Rv1013	4	1	1,56554878 lipid metabolism
Rv1070c	4	1	1,56554878 lipid metabolism
Rv1071c	4	1	1,56554878 lipid metabolism
Rv1175c	4	1	1,56554878 lipid metabolism
Rv1493	4	1	1,56554878 lipid metabolism
Rv2524c	4	1	1,56554878 lipid metabolism
Rv2590	8	2	1,56554878 lipid metabolism

Rv2950c	16	4	1,56554878 lipid metabolism
Rv3089	4	1	1,56554878 lipid metabolism
Rv0033	1	0	1,56554878 lipid metabolism
Rv0035	0	0	1,56554878 lipid metabolism
Rv0119	0	0	1,56554878 lipid metabolism
Rv0231	1	0	1,56554878 lipid metabolism
Rv0404	1	0	1,56554878 lipid metabolism
Rv0456c	1	0	1,56554878 lipid metabolism
Rv0649	0	0	1,56554878 lipid metabolism
Rv0731c	0	0	1,56554878 lipid metabolism
Rv0855	2	0	1,56554878 lipid metabolism
Rv0893c	0	0	1,56554878 lipid metabolism
Rv0895	1	0	1,56554878 lipid metabolism
Rv0971c	2	0	1,56554878 lipid metabolism
Rv0974c	1	0	1,56554878 lipid metabolism
Rv1142c	1	0	1,56554878 lipid metabolism
Rv1143	1	0	1,56554878 lipid metabolism
Rv1427c	0	0	1,56554878 lipid metabolism
Rv1549	1	0	1,56554878 lipid metabolism
Rv1550	1	0	1,56554878 lipid metabolism
Rv1551	0	0	1,56554878 lipid metabolism
Rv1715	3	0	1,56554878 lipid metabolism
Rv1722	3	0	1,56554878 lipid metabolism
Rv1729c	1	0	1,56554878 lipid metabolism
Rv1866	1	0	1,56554878 lipid metabolism
Rv1867	0	0	1,56554878 lipid metabolism
Rv1912c	4	0	1,56554878 lipid metabolism
Rv1934c	3	0	1,56554878 lipid metabolism
Rv2002	2	0	1,56554878 lipid metabolism
Rv2173	3	0	1,56554878 lipid metabolism
Rv2187	4	0	1,56554878 lipid metabolism
Rv2285	1	0	1,56554878 lipid metabolism
Rv2377c	0	0	1,56554878 lipid metabolism
Rv2378c	1	0	1,56554878 lipid metabolism

Rv2379c	1	0	1,56554878 lipid metabolism
Rv2381c	0	0	1,56554878 lipid metabolism
Rv2382c	1	0	1,56554878 lipid metabolism
Rv2384	1	0	1,56554878 lipid metabolism
Rv2482c	2	0	1,56554878 lipid metabolism
Rv2486	4	0	1,56554878 lipid metabolism
Rv2746c	3	0	1,56554878 lipid metabolism
Rv2934	1	0	1,56554878 lipid metabolism
Rv2953	1	0	1,56554878 lipid metabolism
Rv3039c	1	0	1,56554878 lipid metabolism
Rv3088	1	0	1,56554878 lipid metabolism
Rv3392c	1	0	1,56554878 lipid metabolism
Rv3398c	0	0	1,56554878 lipid metabolism
Rv3506	3	0	1,56554878 lipid metabolism
Rv3522	1	0	1,56554878 lipid metabolism
Rv3550	1	0	1,56554878 lipid metabolism
Rv3560c	1	0	1,56554878 lipid metabolism
Rv3561	0	0	1,56554878 lipid metabolism
Rv3562	0	0	1,56554878 lipid metabolism
Rv3563	1	0	1,56554878 lipid metabolism
Rv3564	0	0	1,56554878 lipid metabolism
Rv3790	1	0	1,56554878 lipid metabolism
Rv3797	2	0	1,56554878 lipid metabolism
Rv3820c	1	0	1,56554878 lipid metabolism
Rv3826	1	0	1,56554878 lipid metabolism
Rv0705	32	19	0,056238672 information pathways
Rv0718	6	7	0,079826219 information pathways
Rv2058c	1	4	0,080382111 information pathways
Rv2793c	16	12	0,081475333 information pathways
Rv1388	20	13	0,0920192 information pathways
Rv2710	270	42	0,100180943 information pathways
Rv3221A	140	18	0,111017746 information pathways
Rv0006	7	7	0,120728181 information pathways
Rv3460c	158	22	0,162789799 information pathways

Rv1536	31	16	0,177938301 information pathways
Rv2412	6	6	0,186422826 information pathways
Rv2838c	52	4	0,189210295 information pathways
Rv1390	84	9	0,189557979 information pathways
Rv0861c	4	5	0,191150027 information pathways
Rv1080c	113	14	0,192433103 information pathways
Rv1630	16	10	0,238137275 information pathways
Rv0707	13	9	0,256217481 information pathways
Rv2889c	7	6	0,261885 information pathways
Rv3442c	7	6	0,261885 information pathways
Rv1340	3	4	0,292939524 information pathways
Rv1696	3	4	0,292939524 information pathways
Rv3443c	3	4	0,292939524 information pathways
Rv0668	23	12	0,301872941 information pathways
Rv3461c	143	49	0,324330268 information pathways
Rv0715	15	9	0,326357778 information pathways
Rv0721	20	11	0,332317467 information pathways
Rv0639	38	17	0,338179498 information pathways
Rv0706	6	5	0,380970124 information pathways
Rv2845c	2	3	0,422118767 information pathways
Rv0723	14	8	0,430615955 information pathways
Rv0684	31	14	0,438719185 information pathways
Rv2882c	7	5	0,485900548 information pathways
Rv2904c	50	20	0,494421922 information pathways
Rv2441c	60	23	0,504593274 information pathways
Rv0717	35	15	0,515517965 information pathways
Rv0005	12	7	0,538915113 information pathways
Rv0054	5	4	0,552732111 information pathways
Rv3048c	47	5	0,557025238 information pathways
Rv2907c	13	0	0,601558311 information pathways
Rv0516c	28	2	0,615601166 information pathways
Rv0720	10	6	0,620086754 information pathways
Rv0979A	10	6	0,620086754 information pathways
Rv0735	3	3	0,62647 information pathways

Rv3715c	3	3	0,62647 information pathways
Rv2069	1	2	0,643390112 information pathways
Rv3908	1	2	0,643390112 information pathways
Rv3597c	94	14	0,654128977 information pathways
Rv1644	6	4	0,654786705 information pathways
Rv1700	6	4	0,654786705 information pathways
Rv0719	23	10	0,708355556 information pathways
Rv3462c	236	70	0,738516854 information pathways
Rv0053	4	3	0,787843454 information pathways
Rv2890c	4	3	0,787843454 information pathways
Rv3062	18	1	0,816741656 information pathways
Rv3051c	119	20	0,863159533 information pathways
Rv2703	21	9	0,863529199 information pathways
Rv0670	30	3	0,872181818 information pathways
Rv0071	0	1	0,891983427 information pathways
Rv1316c	0	1	0,891983427 information pathways
Rv3011c	0	1	0,891983427 information pathways
Rv0009	2	2	0,902076825 information pathways
Rv0938	2	2	0,902076825 information pathways
Rv1253	2	2	0,902076825 information pathways
Rv1537	2	2	0,902076825 information pathways
Rv1689	2	2	0,902076825 information pathways
Rv3852	2	2	0,902076825 information pathways
Rv3287c	34	4	0,92091893 information pathways
Rv3211	16	1	0,937059063 information pathways
Rv3223c	114	20	0,945833871 information pathways
Rv0651	20	8	0,950979338 information pathways
Rv2785c	59	19	0,966140741 information pathways
Rv3923c	33	12	0,966365314 information pathways
Rv2839c	68	11	0,967746359 information pathways
Rv3455c	13	6	0,9805796 information pathways
Rv0716	7	4	0,987885942 information pathways
Rv2442c	80	25	0,996424475 information pathways
Rv0120c	3	2	1,017645149 information pathways

Rv3053c	185	38	1,026612696 information pathways
Rv2464c	19	2	1,042681352 information pathways
Rv1015c	7	3	1,073553923 information pathways
Rv1299	77	14	1,073836755 information pathways
Rv1642	11	4	1,075323219 information pathways
Rv2783c	11	4	1,075323219 information pathways
Rv1641	31	10	1,081092449 information pathways
Rv2444c	26	8	1,081801222 information pathways
Rv3204	16	5	1,082039404 information pathways
Rv2986c	17	7	1,084512 information pathways
Rv3459c	48	14	1,087460905 information pathways
Rv2594c	5	0	1,093861497 information pathways
Rv3241c	21	3	1,097160937 information pathways
Rv0683	44	8	1,098096472 information pathways
Rv0001	6	0	1,107198572 information pathways
Rv3286c	10	4	1,115414979 information pathways
Rv3924c	82	22	1,120314411 information pathways
Rv0667	97	29	1,123626831 information pathways
Rv2555c	97	20	1,127803864 information pathways
Rv1420	5	2	1,132270883 information pathways
Rv1633	5	2	1,132270883 information pathways
Rv2448c	5	2	1,132270883 information pathways
Rv3721c	5	2	1,132270883 information pathways
Rv0682	62	11	1,13571201 information pathways
Rv0722	35	6	1,142666132 information pathways
Rv0714	24	7	1,143516538 information pathways
Rv3458c	36	11	1,146176598 information pathways
Rv1298	212	59	1,148430308 information pathways
Rv2836c	6	2	1,154704835 information pathways
Rv3420c	6	2	1,154704835 information pathways
Rv0058	1	1	1,155519357 information pathways
Rv0429c	1	1	1,155519357 information pathways
Rv0444c	1	1	1,155519357 information pathways
Rv0629c	1	1	1,155519357 information pathways

Rv1160	1	1	1,155519357 information pathways
Rv1165	1	1	1,155519357 information pathways
Rv1189	1	1	1,155519357 information pathways
Rv1329c	1	1	1,155519357 information pathways
Rv1402	1	1	1,155519357 information pathways
Rv1649	1	1	1,155519357 information pathways
Rv1650	1	1	1,155519357 information pathways
Rv1688	1	1	1,155519357 information pathways
Rv2056c	1	1	1,155519357 information pathways
Rv2101	1	1	1,155519357 information pathways
Rv2572c	1	1	1,155519357 information pathways
Rv2580c	1	1	1,155519357 information pathways
Rv2755c	1	1	1,155519357 information pathways
Rv2761c	1	1	1,155519357 information pathways
Rv2973c	1	1	1,155519357 information pathways
Rv3296	1	1	1,155519357 information pathways
Rv3649	1	1	1,155519357 information pathways
Rv3907c	1	1	1,155519357 information pathways
Rv3687c	9	1	1,171820425 information pathways
Rv0427c	2	1	1,177742083 information pathways
Rv0949	2	1	1,177742083 information pathways
Rv1007c	2	1	1,177742083 information pathways
Rv1292	2	1	1,177742083 information pathways
Rv1547	2	1	1,177742083 information pathways
Rv2092c	2	1	1,177742083 information pathways
Rv2343c	2	1	1,177742083 information pathways
Rv2736c	2	1	1,177742083 information pathways
Rv2992c	2	1	1,177742083 information pathways
Rv3014c	2	1	1,177742083 information pathways
Rv3105c	2	1	1,177742083 information pathways
Rv3370c	2	1	1,177742083 information pathways
Rv2362c	7	2	1,179167167 information pathways
Rv0041	3	1	1,180692338 information pathways
Rv0995	3	1	1,180692338 information pathways

Rv1010	3	1	1,180692338 information pathways
Rv1107c	3	1	1,180692338 information pathways
Rv1108c	3	1	1,180692338 information pathways
Rv2228c	3	1	1,180692338 information pathways
Rv2737c	3	1	1,180692338 information pathways
Rv2976c	3	1	1,180692338 information pathways
Rv2985	3	1	1,180692338 information pathways
Rv3024c	3	1	1,180692338 information pathways
Rv3198c	3	1	1,180692338 information pathways
Rv3201c	3	1	1,180692338 information pathways
Rv3202c	3	1	1,180692338 information pathways
Rv3328c	3	1	1,180692338 information pathways
Rv0182c	4	2	1,186675548 information pathways
Rv1365c	4	2	1,186675548 information pathways
Rv3731	4	2	1,186675548 information pathways
Rv2533c	10	3	1,188374024 information pathways
Rv2909c	14	2	1,213683268 information pathways
Rv0056	13	4	1,218883666 information pathways
Rv2841c	13	4	1,218883666 information pathways
Rv2534c	15	4	1,243303357 information pathways
Rv0640	44	9	1,351608858 information pathways
Rv3711c	8	1	1,56554878 information pathways
Rv1364c	7	1	1,56554878 information pathways
Rv2614c	6	1	1,56554878 information pathways
Rv3414c	6	1	1,56554878 information pathways
Rv3598c	6	1	1,56554878 information pathways
Rv1259	11	2	1,56554878 information pathways
Rv1981c	16	3	1,56554878 information pathways
Rv1638	5	1	1,56554878 information pathways
Rv2756c	5	1	1,56554878 information pathways
Rv3646c	5	1	1,56554878 information pathways
Rv3009c	9	2	1,56554878 information pathways
Rv2925c	40	9	1,56554878 information pathways
Rv3457c	33	8	1,56554878 information pathways

Rv0002	4	1	1,56554878 information pathways
Rv0003	8	2	1,56554878 information pathways
Rv0055	24	6	1,56554878 information pathways
Rv0445c	4	1	1,56554878 information pathways
Rv0937c	4	1	1,56554878 information pathways
Rv1210	4	1	1,56554878 information pathways
Rv1407	4	1	1,56554878 information pathways
Rv2057c	8	2	1,56554878 information pathways
Rv2357c	4	1	1,56554878 information pathways
Rv2902c	12	3	1,56554878 information pathways
Rv2906c	12	3	1,56554878 information pathways
Rv3580c	16	4	1,56554878 information pathways
Rv3644c	8	2	1,56554878 information pathways
Rv0105c	1	0	1,56554878 information pathways
Rv0413	3	0	1,56554878 information pathways
Rv0630c	0	0	1,56554878 information pathways
Rv0631c	1	0	1,56554878 information pathways
Rv0736	1	0	1,56554878 information pathways
Rv0944	1	0	1,56554878 information pathways
Rv1020	3	0	1,56554878 information pathways
Rv1406	1	0	1,56554878 information pathways
Rv1629	1	0	1,56554878 information pathways
Rv1640c	2	0	1,56554878 information pathways
Rv2055c	2	0	1,56554878 information pathways
Rv2090	0	0	1,56554878 information pathways
Rv2191	0	0	1,56554878 information pathways
Rv2528c	2	0	1,56554878 information pathways
Rv2582	1	0	1,56554878 information pathways
Rv2592c	1	0	1,56554878 information pathways
Rv2593c	0	0	1,56554878 information pathways
Rv2924c	2	0	1,56554878 information pathways
Rv3012c	1	0	1,56554878 information pathways
Rv3056	2	0	1,56554878 information pathways
Rv3263	1	0	1,56554878 information pathways

Rv3297	0	0	1,56554878 information pathways
Rv3336c	2	0	1,56554878 information pathways
Rv3366	0	0	1,56554878 information pathways
Rv3585	1	0	1,56554878 information pathways
Rv3589	2	0	1,56554878 information pathways
Rv3834c	0	0	1,56554878 information pathways
Rv3911	1	0	1,56554878 information pathways
Rv4000	0	0	1,56554878 information pathways
Rv1857	2	5	0,060235783 cell wall and cell processes
Rv2732c	2	5	0,060235783 cell wall and cell processes
Rv2876	4	6	0,075179176 cell wall and cell processes
Rv2692	6	7	0,079826219 cell wall and cell processes
Rv2346c	16	12	0,081475333 cell wall and cell processes
Rv2158c	11	9	0,10429684 cell wall and cell processes
Rv1899c	18	12	0,11235254 cell wall and cell processes
Rv0175	15	11	0,120806988 cell wall and cell processes
Rv2290	5	6	0,121545602 cell wall and cell processes
Rv3864	48	3	0,143063488 cell wall and cell processes
Rv2094c	73	31	0,146697275 cell wall and cell processes
Rv3289c	96	11	0,166070568 cell wall and cell processes
Rv3017c	8	7	0,174733036 cell wall and cell processes
Rv1737c	2	4	0,176306516 cell wall and cell processes
Rv3695	2	4	0,176306516 cell wall and cell processes
Rv2643	46	3	0,189583102 cell wall and cell processes
Rv2875	4	5	0,191150027 cell wall and cell processes
Rv1678	1	3	0,257111256 cell wall and cell processes
Rv1224	69	7	0,27813343 cell wall and cell processes
Rv3264c	5	5	0,286174169 cell wall and cell processes
Rv0638	46	20	0,287952172 cell wall and cell processes
Rv1510	3	4	0,292939524 cell wall and cell processes
Rv2585c	3	4	0,292939524 cell wall and cell processes
Rv0954	10	7	0,300911 cell wall and cell processes
Rv0477	47	4	0,310928307 cell wall and cell processes
Rv0202c	15	9	0,326357778 cell wall and cell processes

Rv2784c	15	9	0,326357778 cell wall and cell processes
Rv2144c	37	17	0,330806857 cell wall and cell processes
Rv1440	8	6	0,33098 cell wall and cell processes
Rv0841	0	2	0,334966855 cell wall and cell processes
Rv2693c	58	6	0,343219541 cell wall and cell processes
Rv0284	6	5	0,380970124 cell wall and cell processes
Rv1463	6	5	0,380970124 cell wall and cell processes
Rv1799	6	5	0,380970124 cell wall and cell processes
Rv2081c	6	5	0,380970124 cell wall and cell processes
Rv0559c	32	2	0,403010379 cell wall and cell processes
Rv0116c	9	6	0,411415431 cell wall and cell processes
Rv0283	4	4	0,413484436 cell wall and cell processes
Rv0073	2	3	0,422118767 cell wall and cell processes
Rv2968c	2	3	0,422118767 cell wall and cell processes
Rv3866	43	4	0,482878095 cell wall and cell processes
Rv0206c	7	5	0,485900548 cell wall and cell processes
Rv1037c	7	5	0,485900548 cell wall and cell processes
Rv2136c	7	5	0,485900548 cell wall and cell processes
Rv2326c	7	5	0,485900548 cell wall and cell processes
Rv3682	7	5	0,485900548 cell wall and cell processes
Rv0383c	72	9	0,487468021 cell wall and cell processes
Rv0996	29	2	0,512739259 cell wall and cell processes
Rv0676c	24	1	0,514657183 cell wall and cell processes
Rv0483	5	4	0,552732111 cell wall and cell processes
Rv2588c	5	4	0,552732111 cell wall and cell processes
Rv0476	63	23	0,609201185 cell wall and cell processes
Rv0961	13	7	0,612753691 cell wall and cell processes
Rv2399c	13	7	0,612753691 cell wall and cell processes
Rv3092c	13	7	0,612753691 cell wall and cell processes
Rv2037c	10	6	0,620086754 cell wall and cell processes
Rv0343	3	3	0,62647 cell wall and cell processes
Rv1132	3	3	0,62647 cell wall and cell processes
Rv1997	3	3	0,62647 cell wall and cell processes
Rv3669	3	3	0,62647 cell wall and cell processes

Rv3910	3	3	0,62647 cell wall and cell processes
Rv0188	51	6	0,626585024 cell wall and cell processes
Rv1911c	19	9	0,628550418 cell wall and cell processes
Rv0218	1	2	0,643390112 cell wall and cell processes
Rv0732	1	2	0,643390112 cell wall and cell processes
Rv1140	1	2	0,643390112 cell wall and cell processes
Rv1226c	1	2	0,643390112 cell wall and cell processes
Rv1368	1	2	0,643390112 cell wall and cell processes
Rv2039c	1	2	0,643390112 cell wall and cell processes
Rv2434c	1	2	0,643390112 cell wall and cell processes
Rv2446c	1	2	0,643390112 cell wall and cell processes
Rv3658c	1	2	0,643390112 cell wall and cell processes
Rv3792	1	2	0,643390112 cell wall and cell processes
Rv0419	6	4	0,654786705 cell wall and cell processes
Rv2877c	6	4	0,654786705 cell wall and cell processes
Rv3271c	6	4	0,654786705 cell wall and cell processes
Rv1980c	22	10	0,659840227 cell wall and cell processes
Rv2869c	11	6	0,691629379 cell wall and cell processes
Rv0849	11	0	0,766641622 cell wall and cell processes
Rv2025c	12	0	0,768877005 cell wall and cell processes
Rv3871	18	8	0,771275632 cell wall and cell processes
Rv0461	4	3	0,787843454 cell wall and cell processes
Rv0545c	4	3	0,787843454 cell wall and cell processes
Rv1639c	4	3	0,787843454 cell wall and cell processes
Rv1710	4	3	0,787843454 cell wall and cell processes
Rv3891c	4	3	0,787843454 cell wall and cell processes
Rv2254c	15	7	0,815433256 cell wall and cell processes
Rv0985c	18	1	0,816741656 cell wall and cell processes
Rv1795	22	9	0,827752535 cell wall and cell processes
Rv2146c	48	17	0,858459818 cell wall and cell processes
Rv2198c	30	3	0,872181818 cell wall and cell processes
Rv1337	26	10	0,880895119 cell wall and cell processes
Rv3878	22	2	0,883477824 cell wall and cell processes
Rv1086	10	5	0,886611927 cell wall and cell processes

Rv0431	5	3	0,890066667 cell wall and cell processes
Rv1342c	5	3	0,890066667 cell wall and cell processes
Rv3629c	5	3	0,890066667 cell wall and cell processes
Rv0519c	0	1	0,891983427 cell wall and cell processes
Rv0907	0	1	0,891983427 cell wall and cell processes
Rv1183	0	1	0,891983427 cell wall and cell processes
Rv1458c	0	1	0,891983427 cell wall and cell processes
Rv1541c	0	1	0,891983427 cell wall and cell processes
Rv1677	0	1	0,891983427 cell wall and cell processes
Rv1686c	0	1	0,891983427 cell wall and cell processes
Rv1744c	0	1	0,891983427 cell wall and cell processes
Rv2040c	0	1	0,891983427 cell wall and cell processes
Rv2153c	0	1	0,891983427 cell wall and cell processes
Rv3807c	0	1	0,891983427 cell wall and cell processes
Rv0072	2	2	0,902076825 cell wall and cell processes
Rv0093c	2	2	0,902076825 cell wall and cell processes
Rv0199	2	2	0,902076825 cell wall and cell processes
Rv1146	2	2	0,902076825 cell wall and cell processes
Rv1227c	2	2	0,902076825 cell wall and cell processes
Rv1281c	2	2	0,902076825 cell wall and cell processes
Rv1343c	2	2	0,902076825 cell wall and cell processes
Rv1401	2	2	0,902076825 cell wall and cell processes
Rv1607	2	2	0,902076825 cell wall and cell processes
Rv1634	2	2	0,902076825 cell wall and cell processes
Rv1824	2	2	0,902076825 cell wall and cell processes
Rv2329c	2	2	0,902076825 cell wall and cell processes
Rv2450c	2	2	0,902076825 cell wall and cell processes
Rv2856	2	2	0,902076825 cell wall and cell processes
Rv2965c	2	2	0,902076825 cell wall and cell processes
Rv3044	2	2	0,902076825 cell wall and cell processes
Rv3312A	2	2	0,902076825 cell wall and cell processes
Rv1488	11	5	0,915485005 cell wall and cell processes
Rv3694c	11	5	0,915485005 cell wall and cell processes
Rv2743c	34	4	0,92091893 cell wall and cell processes

Rv2709	16	1	0,937059063 cell wall and cell processes
Rv3197	14	6	0,966007031 cell wall and cell processes
Rv2462c	23	8	0,971879662 cell wall and cell processes
Rv0821c	13	5	0,979843859 cell wall and cell processes
Rv0835	8	0	0,980645136 cell wall and cell processes
Rv1038c	8	0	0,980645136 cell wall and cell processes
Rv3620c	8	0	0,980645136 cell wall and cell processes
Rv1417	7	4	0,987885942 cell wall and cell processes
Rv3217c	7	4	0,987885942 cell wall and cell processes
Rv3763	7	4	0,987885942 cell wall and cell processes
Rv2115c	34	12	0,991820994 cell wall and cell processes
Rv3213c	8	4	1,000356578 cell wall and cell processes
Rv0102	3	2	1,017645149 cell wall and cell processes
Rv0143c	3	2	1,017645149 cell wall and cell processes
Rv0176	3	2	1,017645149 cell wall and cell processes
Rv0621	3	2	1,017645149 cell wall and cell processes
Rv1619	3	2	1,017645149 cell wall and cell processes
Rv1672c	3	2	1,017645149 cell wall and cell processes
Rv1842c	3	2	1,017645149 cell wall and cell processes
Rv1863c	3	2	1,017645149 cell wall and cell processes
Rv2041c	3	2	1,017645149 cell wall and cell processes
Rv2397c	3	2	1,017645149 cell wall and cell processes
Rv2698	3	2	1,017645149 cell wall and cell processes
Rv2799	3	2	1,017645149 cell wall and cell processes
Rv3065	3	2	1,017645149 cell wall and cell processes
Rv3069	3	2	1,017645149 cell wall and cell processes
Rv3238c	3	2	1,017645149 cell wall and cell processes
Rv3402c	3	2	1,017645149 cell wall and cell processes
Rv3450c	3	2	1,017645149 cell wall and cell processes
Rv3645	3	2	1,017645149 cell wall and cell processes
Rv3823c	3	2	1,017645149 cell wall and cell processes
Rv3882c	3	2	1,017645149 cell wall and cell processes
Rv3919c	14	5	1,020149025 cell wall and cell processes
Rv0379	6	3	1,023060102 cell wall and cell processes

Rv2587c	6	3	1,023060102 cell wall and cell processes
Rv2690c	6	3	1,023060102 cell wall and cell processes
Rv2729c	6	3	1,023060102 cell wall and cell processes
Rv2772c	6	3	1,023060102 cell wall and cell processes
Rv3451	6	3	1,023060102 cell wall and cell processes
Rv0876c	12	1	1,031469845 cell wall and cell processes
Rv2963	12	1	1,031469845 cell wall and cell processes
Rv0412c	11	1	1,032354536 cell wall and cell processes
Rv1877	18	2	1,036154677 cell wall and cell processes
Rv2620c	18	2	1,036154677 cell wall and cell processes
Rv3876	19	2	1,042681352 cell wall and cell processes
Rv0451c	13	1	1,045711168 cell wall and cell processes
Rv2219	16	6	1,063564022 cell wall and cell processes
Rv3867	30	10	1,065552 cell wall and cell processes
Rv2181	7	3	1,073553923 cell wall and cell processes
Rv3382c	7	3	1,073553923 cell wall and cell processes
Rv3675	7	3	1,073553923 cell wall and cell processes
Rv2333c	11	4	1,075323219 cell wall and cell processes
Rv1487	32	4	1,076451578 cell wall and cell processes
Rv2389c	21	2	1,077283107 cell wall and cell processes
Rv2688c	16	5	1,082039404 cell wall and cell processes
Rv2878c	16	5	1,082039404 cell wall and cell processes
Rv0309	17	7	1,084512 cell wall and cell processes
Rv2077c	80	14	1,088182979 cell wall and cell processes
Rv0229c	5	0	1,093861497 cell wall and cell processes
Rv3632	5	0	1,093861497 cell wall and cell processes
Rv3760	5	0	1,093861497 cell wall and cell processes
Rv2093c	30	5	1,102355081 cell wall and cell processes
Rv1234	14	1	1,106515077 cell wall and cell processes
Rv0342	12	4	1,106640649 cell wall and cell processes
Rv2219A	12	4	1,106640649 cell wall and cell processes
Rv2138	6	0	1,107198572 cell wall and cell processes
Rv3593	6	0	1,107198572 cell wall and cell processes
Rv1986	48	9	1,113012946 cell wall and cell processes

Rv0870c	10	4	1,115414979 cell wall and cell processes
Rv1312	10	4	1,115414979 cell wall and cell processes
Rv1798	10	4	1,115414979 cell wall and cell processes
Rv1228	18	7	1,121058282 cell wall and cell processes
Rv1783	20	6	1,121612319 cell wall and cell processes
Rv1473	24	4	1,12277095 cell wall and cell processes
Rv1707	15	1	1,126699026 cell wall and cell processes
Rv2224c	15	1	1,126699026 cell wall and cell processes
Rv0050	5	2	1,132270883 cell wall and cell processes
Rv0686	5	2	1,132270883 cell wall and cell processes
Rv0842	5	2	1,132270883 cell wall and cell processes
Rv1283c	5	2	1,132270883 cell wall and cell processes
Rv1476	5	2	1,132270883 cell wall and cell processes
Rv2150c	5	2	1,132270883 cell wall and cell processes
Rv2575	5	2	1,132270883 cell wall and cell processes
Rv2942	5	2	1,132270883 cell wall and cell processes
Rv2969c	5	2	1,132270883 cell wall and cell processes
Rv3104c	5	2	1,132270883 cell wall and cell processes
Rv3605c	5	2	1,132270883 cell wall and cell processes
Rv0064	23	7	1,133138026 cell wall and cell processes
Rv0308	8	3	1,143564814 cell wall and cell processes
Rv1238	8	3	1,143564814 cell wall and cell processes
Rv1821	8	3	1,143564814 cell wall and cell processes
Rv1591	15	2	1,146799395 cell wall and cell processes
Rv3879c	17	2	1,149582391 cell wall and cell processes
Rv0007	6	2	1,154704835 cell wall and cell processes
Rv0012	6	2	1,154704835 cell wall and cell processes
Rv0346c	6	2	1,154704835 cell wall and cell processes
Rv0364	6	2	1,154704835 cell wall and cell processes
Rv0900	6	2	1,154704835 cell wall and cell processes
Rv0935	6	2	1,154704835 cell wall and cell processes
Rv1861	6	2	1,154704835 cell wall and cell processes
Rv2272	6	2	1,154704835 cell wall and cell processes
Rv2673	6	2	1,154704835 cell wall and cell processes

Rv2686c	6	2	1,154704835 cell wall and cell processes
Rv2691	6	2	1,154704835 cell wall and cell processes
Rv0048c	1	1	1,155519357 cell wall and cell processes
Rv0051	1	1	1,155519357 cell wall and cell processes
Rv0090	1	1	1,155519357 cell wall and cell processes
Rv0092	1	1	1,155519357 cell wall and cell processes
Rv0107c	1	1	1,155519357 cell wall and cell processes
Rv0115	1	1	1,155519357 cell wall and cell processes
Rv0227c	1	1	1,155519357 cell wall and cell processes
Rv0399c	1	1	1,155519357 cell wall and cell processes
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Rv0435c	1	1	1,155519357 cell wall and cell processes
Rv0518	1	1	1,155519357 cell wall and cell processes
Rv0583c	1	1	1,155519357 cell wall and cell processes
Rv0604	1	1	1,155519357 cell wall and cell processes
Rv0867c	1	1	1,155519357 cell wall and cell processes
Rv0875c	1	1	1,155519357 cell wall and cell processes
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Rv1016c	1	1	1,155519357 cell wall and cell processes
Rv1018c	1	1	1,155519357 cell wall and cell processes
Rv1064c	1	1	1,155519357 cell wall and cell processes
Rv1145	1	1	1,155519357 cell wall and cell processes
Rv1217c	1	1	1,155519357 cell wall and cell processes
Rv1272c	1	1	1,155519357 cell wall and cell processes
Rv1280c	1	1	1,155519357 cell wall and cell processes
Rv1338	1	1	1,155519357 cell wall and cell processes
Rv1349	1	1	1,155519357 cell wall and cell processes
Rv1382	1	1	1,155519357 cell wall and cell processes
Rv1424c	1	1	1,155519357 cell wall and cell processes
Rv1624c	1	1	1,155519357 cell wall and cell processes
Rv1671	1	1	1,155519357 cell wall and cell processes
Rv1687c	1	1	1,155519357 cell wall and cell processes

Rv1709	1	1	1,155519357 cell wall and cell processes
Rv1860	1	1	1,155519357 cell wall and cell processes
Rv1921c	1	1	1,155519357 cell wall and cell processes
Rv2046	1	1	1,155519357 cell wall and cell processes
Rv2116	1	1	1,155519357 cell wall and cell processes
Rv2120c	1	1	1,155519357 cell wall and cell processes
Rv2152c	1	1	1,155519357 cell wall and cell processes
Rv2287	1	1	1,155519357 cell wall and cell processes
Rv2306A	1	1	1,155519357 cell wall and cell processes
Rv2437	1	1	1,155519357 cell wall and cell processes
Rv2563	1	1	1,155519357 cell wall and cell processes
Rv2564	1	1	1,155519357 cell wall and cell processes
Rv2609c	1	1	1,155519357 cell wall and cell processes
Rv2922c	1	1	1,155519357 cell wall and cell processes
Rv2945c	1	1	1,155519357 cell wall and cell processes
Rv2994	1	1	1,155519357 cell wall and cell processes
Rv3000	1	1	1,155519357 cell wall and cell processes
Rv3346c	1	1	1,155519357 cell wall and cell processes
Rv3445c	1	1	1,155519357 cell wall and cell processes
Rv3584	1	1	1,155519357 cell wall and cell processes
Rv3623	1	1	1,155519357 cell wall and cell processes
Rv3625c	1	1	1,155519357 cell wall and cell processes
Rv3728	1	1	1,155519357 cell wall and cell processes
Rv3783	1	1	1,155519357 cell wall and cell processes
Rv3680	37	7	1,162033776 cell wall and cell processes
Rv0011c	15	5	1,167008184 cell wall and cell processes
Rv2128	10	1	1,169814587 cell wall and cell processes
Rv2687c	10	1	1,169814587 cell wall and cell processes
Rv3724A	10	1	1,169814587 cell wall and cell processes
Rv1539	33	6	1,174668724 cell wall and cell processes
Rv2347c	9	3	1,175481928 cell wall and cell processes
Rv2398c	9	3	1,175481928 cell wall and cell processes
Rv2456c	9	3	1,175481928 cell wall and cell processes
Rv3301c	9	3	1,175481928 cell wall and cell processes

Rv3881c	41	8	1,177037002 cell wall and cell processes
Rv0017c	2	1	1,177742083 cell wall and cell processes
Rv0040c	2	1	1,177742083 cell wall and cell processes
Rv0292	2	1	1,177742083 cell wall and cell processes
Rv0398c	2	1	1,177742083 cell wall and cell processes
Rv0401	2	1	1,177742083 cell wall and cell processes
Rv0446c	2	1	1,177742083 cell wall and cell processes
Rv0506	2	1	1,177742083 cell wall and cell processes
Rv0541c	2	1	1,177742083 cell wall and cell processes
Rv0584	2	1	1,177742083 cell wall and cell processes
Rv0625c	2	1	1,177742083 cell wall and cell processes
Rv0680c	2	1	1,177742083 cell wall and cell processes
Rv0924c	2	1	1,177742083 cell wall and cell processes
Rv0930	2	1	1,177742083 cell wall and cell processes
Rv0934	2	1	1,177742083 cell wall and cell processes
Rv1002c	2	1	1,177742083 cell wall and cell processes
Rv1004c	2	1	1,177742083 cell wall and cell processes
Rv1029	2	1	1,177742083 cell wall and cell processes
Rv1115	2	1	1,177742083 cell wall and cell processes
Rv1230c	2	1	1,177742083 cell wall and cell processes
Rv1231c	2	1	1,177742083 cell wall and cell processes
Rv1244	2	1	1,177742083 cell wall and cell processes
Rv1258c	2	1	1,177742083 cell wall and cell processes
Rv1348	2	1	1,177742083 cell wall and cell processes
Rv1362c	2	1	1,177742083 cell wall and cell processes
Rv1481	2	1	1,177742083 cell wall and cell processes
Rv1490	2	1	1,177742083 cell wall and cell processes
Rv1667c	2	1	1,177742083 cell wall and cell processes
Rv1668c	2	1	1,177742083 cell wall and cell processes
Rv1747	2	1	1,177742083 cell wall and cell processes
Rv1884c	2	1	1,177742083 cell wall and cell processes
Rv2051c	2	1	1,177742083 cell wall and cell processes
Rv2154c	2	1	1,177742083 cell wall and cell processes
Rv2155c	2	1	1,177742083 cell wall and cell processes

Rv2281	2	1	1,177742083 cell wall and cell processes
Rv2395	2	1	1,177742083 cell wall and cell processes
Rv2685	2	1	1,177742083 cell wall and cell processes
Rv2719c	2	1	1,177742083 cell wall and cell processes
Rv2723	2	1	1,177742083 cell wall and cell processes
Rv2790c	2	1	1,177742083 cell wall and cell processes
Rv2937	2	1	1,177742083 cell wall and cell processes
Rv2938	2	1	1,177742083 cell wall and cell processes
Rv3004	2	1	1,177742083 cell wall and cell processes
Rv3277	2	1	1,177742083 cell wall and cell processes
Rv3435c	2	1	1,177742083 cell wall and cell processes
Rv3444c	2	1	1,177742083 cell wall and cell processes
Rv3476c	2	1	1,177742083 cell wall and cell processes
Rv3479	2	1	1,177742083 cell wall and cell processes
Rv3495c	2	1	1,177742083 cell wall and cell processes
Rv3630	2	1	1,177742083 cell wall and cell processes
Rv3665c	2	1	1,177742083 cell wall and cell processes
Rv3806c	2	1	1,177742083 cell wall and cell processes
Rv3809c	2	1	1,177742083 cell wall and cell processes
Rv3884c	2	1	1,177742083 cell wall and cell processes
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Rv3452	1	0	1,56554878 cell wall and cell processes
Rv3453	1	0	1,56554878 cell wall and cell processes
Rv3454	2	0	1,56554878 cell wall and cell processes
Rv3482c	2	0	1,56554878 cell wall and cell processes
Rv3578	0	0	1,56554878 cell wall and cell processes
Rv3587c	2	0	1,56554878 cell wall and cell processes
Rv3635	4	0	1,56554878 cell wall and cell processes
Rv3657c	0	0	1,56554878 cell wall and cell processes
Rv3664c	1	0	1,56554878 cell wall and cell processes
Rv3690	2	0	1,56554878 cell wall and cell processes
Rv3693	0	0	1,56554878 cell wall and cell processes
Rv3789	4	0	1,56554878 cell wall and cell processes
Rv3793	0	0	1,56554878 cell wall and cell processes
Rv3794	0	0	1,56554878 cell wall and cell processes
Rv3795	1	0	1,56554878 cell wall and cell processes
Rv3805c	3	0	1,56554878 cell wall and cell processes
Rv3835	4	0	1,56554878 cell wall and cell processes
Rv3851	1	0	1,56554878 cell wall and cell processes
Rv3885c	1	0	1,56554878 cell wall and cell processes
Rv3901c	3	0	1,56554878 cell wall and cell processes
Rv2659c	23	0	0,165724444 insertion seqs and phages
Rv2792c	8	7	0,174733036 insertion seqs and phages
Rv1055	7	6	0,261885 insertion seqs and phages
Rv1577c	37	17	0,330806857 insertion seqs and phages
Rv0829	0	2	0,334966855 insertion seqs and phages
Rv2654c	0	2	0,334966855 insertion seqs and phages
Rv1584c	32	2	0,403010379 insertion seqs and phages

Rv1574	1	2	0,643390112 insertion seqs and phages
Rv2355	1	2	0,643390112 insertion seqs and phages
Rv3184	9	5	0,879377032 insertion seqs and phages
Rv0031	0	1	0,891983427 insertion seqs and phages
Rv1575	0	1	0,891983427 insertion seqs and phages
Rv2086	0	1	0,891983427 insertion seqs and phages
Rv2810c	0	1	0,891983427 insertion seqs and phages
Rv2814c	0	1	0,891983427 insertion seqs and phages
Rv1054	2	2	0,902076825 insertion seqs and phages
Rv1128c	2	2	0,902076825 insertion seqs and phages
Rv2278	11	5	0,915485005 insertion seqs and phages
Rv1578c	8	0	0,980645136 insertion seqs and phages
Rv1585c	8	0	0,980645136 insertion seqs and phages
Rv1583c	3	2	1,017645149 insertion seqs and phages
Rv2168c	3	2	1,017645149 insertion seqs and phages
Rv2885c	3	2	1,017645149 insertion seqs and phages
Rv2354	6	3	1,023060102 insertion seqs and phages
Rv0922	9	4	1,090043564 insertion seqs and phages
Rv2648	9	4	1,090043564 insertion seqs and phages
Rv3474	9	4	1,090043564 insertion seqs and phages
Rv1580c	6	0	1,107198572 insertion seqs and phages
Rv1042c	5	2	1,132270883 insertion seqs and phages
Rv3827c	5	2	1,132270883 insertion seqs and phages
Rv0795	8	3	1,143564814 insertion seqs and phages
Rv1763	8	3	1,143564814 insertion seqs and phages
Rv0605	6	2	1,154704835 insertion seqs and phages
Rv2085	6	2	1,154704835 insertion seqs and phages
Rv2666	6	2	1,154704835 insertion seqs and phages
Rv3348	6	2	1,154704835 insertion seqs and phages
Rv3798	6	2	1,154704835 insertion seqs and phages
Rv0606	1	1	1,155519357 insertion seqs and phages
Rv1573	1	1	1,155519357 insertion seqs and phages
Rv1701	1	1	1,155519357 insertion seqs and phages
Rv1756c	1	1	1,155519357 insertion seqs and phages

Rv2646	1	1	1,155519357 insertion seqs and phages
Rv2649	1	1	1,155519357 insertion seqs and phages
Rv2943A	1	1	1,155519357 insertion seqs and phages
Rv2978c	1	1	1,155519357 insertion seqs and phages
Rv3023c	1	1	1,155519357 insertion seqs and phages
Rv3185	1	1	1,155519357 insertion seqs and phages
Rv3431c	1	1	1,155519357 insertion seqs and phages
Rv3637	1	1	1,155519357 insertion seqs and phages
Rv0755A	76	16	1,166342553 insertion seqs and phages
Rv2087	10	1	1,169814587 insertion seqs and phages
Rv2658c	9	1	1,171820425 insertion seqs and phages
Rv3751	9	1	1,171820425 insertion seqs and phages
Rv3325	9	3	1,175481928 insertion seqs and phages
Rv0796	2	1	1,177742083 insertion seqs and phages
Rv0797	2	1	1,177742083 insertion seqs and phages
Rv1199c	2	1	1,177742083 insertion seqs and phages
Rv1764	2	1	1,177742083 insertion seqs and phages
Rv2106	2	1	1,177742083 insertion seqs and phages
Rv2177c	2	1	1,177742083 insertion seqs and phages
Rv2279	2	1	1,177742083 insertion seqs and phages
Rv2424c	2	1	1,177742083 insertion seqs and phages
Rv2512c	2	1	1,177742083 insertion seqs and phages
Rv2943	2	1	1,177742083 insertion seqs and phages
Rv3187	2	1	1,177742083 insertion seqs and phages
Rv3326	2	1	1,177742083 insertion seqs and phages
Rv3381c	2	1	1,177742083 insertion seqs and phages
Rv3386	2	1	1,177742083 insertion seqs and phages
Rv3427c	2	1	1,177742083 insertion seqs and phages
Rv0921	34	6	1,178460025 insertion seqs and phages
Rv0515	7	2	1,179167167 insertion seqs and phages
Rv2105	7	2	1,179167167 insertion seqs and phages
Rv3844	7	2	1,179167167 insertion seqs and phages
Rv1370c	3	1	1,180692338 insertion seqs and phages
Rv1588c	3	1	1,180692338 insertion seqs and phages

Rv2309c	3	1	1,180692338 insertion seqs and phages
Rv2652c	3	1	1,180692338 insertion seqs and phages
Rv2815c	3	1	1,180692338 insertion seqs and phages
Rv2979c	3	1	1,180692338 insertion seqs and phages
Rv3430c	3	1	1,180692338 insertion seqs and phages
Rv1945	4	2	1,186675548 insertion seqs and phages
Rv2480c	4	2	1,186675548 insertion seqs and phages
Rv3828c	10	3	1,188374024 insertion seqs and phages
Rv1041c	11	3	1,205922974 insertion seqs and phages
Rv3770B	11	3	1,205922974 insertion seqs and phages
Rv3636	36	9	1,337612538 insertion seqs and phages
Rv1149	68	17	1,395654615 insertion seqs and phages
Rv2655c	8	1	1,56554878 insertion seqs and phages
Rv0336	7	1	1,56554878 insertion seqs and phages
Rv2653c	7	1	1,56554878 insertion seqs and phages
Rv0920c	5	1	1,56554878 insertion seqs and phages
Rv1047	5	1	1,56554878 insertion seqs and phages
Rv0741	9	2	1,56554878 insertion seqs and phages
Rv1148c	4	1	1,56554878 insertion seqs and phages
Rv1757c	4	1	1,56554878 insertion seqs and phages
Rv2656c	8	2	1,56554878 insertion seqs and phages
Rv2886c	4	1	1,56554878 insertion seqs and phages
Rv3115	4	1	1,56554878 insertion seqs and phages
Rv3186	8	2	1,56554878 insertion seqs and phages
Rv3466	8	2	1,56554878 insertion seqs and phages
Rv0094c	1	0	1,56554878 insertion seqs and phages
Rv0095c	3	0	1,56554878 insertion seqs and phages
Rv0393	0	0	1,56554878 insertion seqs and phages
Rv0397	1	0	1,56554878 insertion seqs and phages
Rv0850	4	0	1,56554878 insertion seqs and phages
Rv1034c	0	0	1,56554878 insertion seqs and phages
Rv1035c	1	0	1,56554878 insertion seqs and phages
Rv1036c	4	0	1,56554878 insertion seqs and phages
Rv1313c	2	0	1,56554878 insertion seqs and phages

Rv1369c	1	0	1,56554878 insertion seqs and phages
Rv1579c	1	0	1,56554878 insertion seqs and phages
Rv1581c	0	0	1,56554878 insertion seqs and phages
Rv1582c	4	0	1,56554878 insertion seqs and phages
Rv1587c	0	0	1,56554878 insertion seqs and phages
Rv1702c	0	0	1,56554878 insertion seqs and phages
Rv1765A	3	0	1,56554878 insertion seqs and phages
Rv2013	2	0	1,56554878 insertion seqs and phages
Rv2014	1	0	1,56554878 insertion seqs and phages
Rv2100	0	0	1,56554878 insertion seqs and phages
Rv2167c	1	0	1,56554878 insertion seqs and phages
Rv2310	0	0	1,56554878 insertion seqs and phages
Rv2479c	1	0	1,56554878 insertion seqs and phages
Rv2647	2	0	1,56554878 insertion seqs and phages
Rv2812	1	0	1,56554878 insertion seqs and phages
Rv2894c	2	0	1,56554878 insertion seqs and phages
Rv2944	1	0	1,56554878 insertion seqs and phages
Rv2961	0	0	1,56554878 insertion seqs and phages
Rv3191c	0	0	1,56554878 insertion seqs and phages
Rv3327	1	0	1,56554878 insertion seqs and phages
Rv3349c	1	0	1,56554878 insertion seqs and phages
Rv3380c	1	0	1,56554878 insertion seqs and phages
Rv3387	1	0	1,56554878 insertion seqs and phages
Rv3428c	2	0	1,56554878 insertion seqs and phages
Rv3467	2	0	1,56554878 insertion seqs and phages
Rv3475	2	0	1,56554878 insertion seqs and phages
Rv3638	0	0	1,56554878 insertion seqs and phages
Rv3640c	1	0	1,56554878 insertion seqs and phages
Rv3770A	1	0	1,56554878 insertion seqs and phages
Rv3136	2	5	0,060235783 PE/PPE
Rv0872c	12	10	0,068692536 PE/PPE
Rv1790	1	4	0,080382111 PE/PPE
Rv0297	5	6	0,121545602 PE/PPE
Rv3872	171	24	0,131697647 PE/PPE

Rv1361c	2	4	0,176306516 PE/PPE
Rv1195	1	3	0,257111256 PE/PPE
Rv0754	27	1	0,286143448 PE/PPE
Rv0747	3	4	0,292939524 PE/PPE
Rv3135	0	2	0,334966855 PE/PPE
Rv1196	4	4	0,413484436 PE/PPE
Rv1039c	2	3	0,422118767 PE/PPE
Rv1468c	2	3	0,422118767 PE/PPE
Rv1396c	5	4	0,552732111 PE/PPE
Rv1387	42	4	0,618188848 PE/PPE
Rv1087	1	2	0,643390112 PE/PPE
Rv1706c	1	2	0,643390112 PE/PPE
Rv1818c	1	2	0,643390112 PE/PPE
Rv1441c	0	1	0,891983427 PE/PPE
Rv3429	24	2	0,894319255 PE/PPE
Rv0916c	2	2	0,902076825 PE/PPE
Rv1787	2	2	0,902076825 PE/PPE
Rv1983	2	2	0,902076825 PE/PPE
Rv3022A	9	0	0,932297131 PE/PPE
Rv0834c	13	5	0,979843859 PE/PPE
Rv3533c	8	0	0,980645136 PE/PPE
Rv3425	11	1	1,032354536 PE/PPE
Rv2162c	9	4	1,090043564 PE/PPE
Rv3159c	5	0	1,093861497 PE/PPE
Rv1808	90	24	1,123077042 PE/PPE
Rv1768	5	2	1,132270883 PE/PPE
Rv0755c	26	3	1,137295177 PE/PPE
Rv2352c	28	5	1,139755146 PE/PPE
Rv1801	35	11	1,142451131 PE/PPE
Rv1646	8	3	1,143564814 PE/PPE
Rv2519	15	2	1,146799395 PE/PPE
Rv3595c	6	2	1,154704835 PE/PPE
Rv0159c	1	1	1,155519357 PE/PPE
Rv0742	1	1	1,155519357 PE/PPE

Rv0915c	1	1	1,155519357 PE/PPE
Rv2123	1	1	1,155519357 PE/PPE
Rv2608	1	1	1,155519357 PE/PPE
Rv2741	1	1	1,155519357 PE/PPE
Rv3652	1	1	1,155519357 PE/PPE
Rv2356c	10	1	1,169814587 PE/PPE
Rv0256c	2	1	1,177742083 PE/PPE
Rv1651c	2	1	1,177742083 PE/PPE
Rv2328	2	1	1,177742083 PE/PPE
Rv2371	2	1	1,177742083 PE/PPE
Rv2634c	2	1	1,177742083 PE/PPE
Rv3125c	2	1	1,177742083 PE/PPE
Rv3367	2	1	1,177742083 PE/PPE
Rv3532	2	1	1,177742083 PE/PPE
Rv3739c	2	1	1,177742083 PE/PPE
Rv3892c	2	1	1,177742083 PE/PPE
Rv0832	3	1	1,180692338 PE/PPE
Rv2108	3	1	1,180692338 PE/PPE
Rv2892c	3	1	1,180692338 PE/PPE
Rv3022c	3	1	1,180692338 PE/PPE
Rv3144c	3	1	1,180692338 PE/PPE
Rv3426	3	1	1,180692338 PE/PPE
Rv3893c	3	1	1,180692338 PE/PPE
Rv2340c	4	2	1,186675548 PE/PPE
Rv3539	4	2	1,186675548 PE/PPE
Rv1802	13	4	1,218883666 PE/PPE
Rv3746c	15	4	1,243303357 PE/PPE
Rv1809	51	11	1,367661503 PE/PPE
Rv3347c	8	1	1,56554878 PE/PPE
Rv3097c	12	2	1,56554878 PE/PPE
Rv1800	11	2	1,56554878 PE/PPE
Rv3021c	10	2	1,56554878 PE/PPE
Rv1172c	13	3	1,56554878 PE/PPE
Rv0578c	4	1	1,56554878 PE/PPE

Rv1803c	4	1	1,56554878 PE/PPE
Rv2615c	4	1	1,56554878 PE/PPE
Rv2768c	4	1	1,56554878 PE/PPE
Rv3018c	8	2	1,56554878 PE/PPE
Rv0096	1	0	1,56554878 PE/PPE
Rv0109	0	0	1,56554878 PE/PPE
Rv0124	0	0	1,56554878 PE/PPE
Rv0151c	1	0	1,56554878 PE/PPE
Rv0152c	1	0	1,56554878 PE/PPE
Rv0160c	0	0	1,56554878 PE/PPE
Rv0278c	0	0	1,56554878 PE/PPE
Rv0279c	0	0	1,56554878 PE/PPE
Rv0304c	1	0	1,56554878 PE/PPE
Rv0305c	2	0	1,56554878 PE/PPE
Rv0335c	1	0	1,56554878 PE/PPE
Rv0354c	1	0	1,56554878 PE/PPE
Rv0355c	1	0	1,56554878 PE/PPE
Rv0388c	1	0	1,56554878 PE/PPE
Rv0442c	1	0	1,56554878 PE/PPE
Rv0453	1	0	1,56554878 PE/PPE
Rv0532	2	0	1,56554878 PE/PPE
Rv0746	0	0	1,56554878 PE/PPE
Rv0833	1	0	1,56554878 PE/PPE
Rv0878c	2	0	1,56554878 PE/PPE
Rv0977	1	0	1,56554878 PE/PPE
Rv0978c	2	0	1,56554878 PE/PPE
Rv0980c	3	0	1,56554878 PE/PPE
Rv1040c	1	0	1,56554878 PE/PPE
Rv1067c	0	0	1,56554878 PE/PPE
Rv1068c	0	0	1,56554878 PE/PPE
Rv1088	0	0	1,56554878 PE/PPE
Rv1089	1	0	1,56554878 PE/PPE
Rv1091	1	0	1,56554878 PE/PPE
Rv1135c	1	0	1,56554878 PE/PPE

Rv1214c	1	0	1,56554878 PE/PPE
Rv1243c	0	0	1,56554878 PE/PPE
Rv1325c	0	0	1,56554878 PE/PPE
Rv1430	1	0	1,56554878 PE/PPE
Rv1450c	0	0	1,56554878 PE/PPE
Rv1452c	0	0	1,56554878 PE/PPE
Rv1548c	2	0	1,56554878 PE/PPE
Rv1705c	3	0	1,56554878 PE/PPE
Rv1753c	1	0	1,56554878 PE/PPE
Rv1759c	1	0	1,56554878 PE/PPE
Rv1788	0	0	1,56554878 PE/PPE
Rv1840c	0	0	1,56554878 PE/PPE
Rv1917c	1	0	1,56554878 PE/PPE
Rv1918c	1	0	1,56554878 PE/PPE
Rv2107	3	0	1,56554878 PE/PPE
Rv2126c	0	0	1,56554878 PE/PPE
Rv2353c	2	0	1,56554878 PE/PPE
Rv2408	0	0	1,56554878 PE/PPE
Rv2487c	1	0	1,56554878 PE/PPE
Rv2490c	0	0	1,56554878 PE/PPE
Rv2591	2	0	1,56554878 PE/PPE
Rv2769c	2	0	1,56554878 PE/PPE
Rv2770c	3	0	1,56554878 PE/PPE
Rv2853	1	0	1,56554878 PE/PPE
Rv3343c	2	0	1,56554878 PE/PPE
Rv3344c	0	0	1,56554878 PE/PPE
Rv3345c	0	0	1,56554878 PE/PPE
Rv3350c	3	0	1,56554878 PE/PPE
Rv3388	0	0	1,56554878 PE/PPE
Rv3507	1	0	1,56554878 PE/PPE
Rv3508	0	0	1,56554878 PE/PPE
Rv3511	0	0	1,56554878 PE/PPE
Rv3512	0	0	1,56554878 PE/PPE
Rv3514	1	0	1,56554878 PE/PPE

Rv3558	2	0	1,56554878 PE/PPE
Rv3590c	0	0	1,56554878 PE/PPE
Rv3621c	1	0	1,56554878 PE/PPE
Rv3622c	2	0	1,56554878 PE/PPE
Rv3650	2	0	1,56554878 PE/PPE
Rv3653	1	0	1,56554878 PE/PPE
Rv3738c	1	0	1,56554878 PE/PPE
Rv3812	0	0	1,56554878 PE/PPE
Rv3569c	48	2	0,05296113 intermediary metabolism and respiration
Rv0186	2	5	0,060235783 intermediary metabolism and respiration
Rv1900c	2	5	0,060235783 intermediary metabolism and respiration
Rv2029c	2	5	0,060235783 intermediary metabolism and respiration
Rv1872c	102	42	0,06169207 intermediary metabolism and respiration
Rv0382c	75	6	0,063666893 intermediary metabolism and respiration
Rv3003c	12	10	0,068692536 intermediary metabolism and respiration
Rv3536c	45	2	0,070017646 intermediary metabolism and respiration
Rv1895	46	2	0,071938739 intermediary metabolism and respiration
Rv0575c	26	0	0,07512953 intermediary metabolism and respiration
Rv2463	4	6	0,075179176 intermediary metabolism and respiration
Rv0764c	36	1	0,079106026 intermediary metabolism and respiration
Rv3290c	111	12	0,079174853 intermediary metabolism and respiration
Rv0768	34	1	0,112805173 intermediary metabolism and respiration
Rv1295	3	5	0,113238456 intermediary metabolism and respiration
Rv1736c	3	5	0,113238456 intermediary metabolism and respiration
Rv3684	3	5	0,113238456 intermediary metabolism and respiration
Rv3340	7	7	0,120728181 intermediary metabolism and respiration
Rv3858c	7	7	0,120728181 intermediary metabolism and respiration
Rv0247c	40	2	0,131843776 intermediary metabolism and respiration
Rv0989c	31	1	0,158739769 intermediary metabolism and respiration
Rv3043c	14	10	0,178201429 intermediary metabolism and respiration
Rv2883c	4	5	0,191150027 intermediary metabolism and respiration
Rv1296	23	13	0,198662011 intermediary metabolism and respiration
Rv1162	15	10	0,200643368 intermediary metabolism and respiration
Rv1264	11	8	0,209271414 intermediary metabolism and respiration

Rv1990A	11	8	0,209271414 intermediary metabolism and respiration
Rv2332	11	8	0,209271414 intermediary metabolism and respiration
Rv2496c	55	24	0,227903773 intermediary metabolism and respiration
Rv3161c	21	0	0,236027074 intermediary metabolism and respiration
Rv2291	16	10	0,238137275 intermediary metabolism and respiration
Rv0291	1	3	0,257111256 intermediary metabolism and respiration
Rv1692	1	3	0,257111256 intermediary metabolism and respiration
Rv3778c	7	6	0,261885 intermediary metabolism and respiration
Rv2495c	17	10	0,276916998 intermediary metabolism and respiration
Rv0994	5	5	0,286174169 intermediary metabolism and respiration
Rv2888c	5	5	0,286174169 intermediary metabolism and respiration
Rv1127c	3	4	0,292939524 intermediary metabolism and respiration
Rv3025c	3	4	0,292939524 intermediary metabolism and respiration
Rv1223	111	15	0,299257039 intermediary metabolism and respiration
Rv3571	34	2	0,312911171 intermediary metabolism and respiration
Rv3568c	41	3	0,318762337 intermediary metabolism and respiration
Rv1596	35	2	0,318806532 intermediary metabolism and respiration
Rv1177	52	22	0,328205751 intermediary metabolism and respiration
Rv1464	8	6	0,33098 intermediary metabolism and respiration
Rv1542c	0	2	0,334966855 intermediary metabolism and respiration
Rv0793	25	1	0,378950526 intermediary metabolism and respiration
Rv2124c	6	5	0,380970124 intermediary metabolism and respiration
Rv3725	6	5	0,380970124 intermediary metabolism and respiration
Rv1876	39	3	0,403390782 intermediary metabolism and respiration
Rv0509	22	11	0,404187525 intermediary metabolism and respiration
Rv2682c	9	6	0,411415431 intermediary metabolism and respiration
Rv0958	4	4	0,413484436 intermediary metabolism and respiration
Rv1699	4	4	0,413484436 intermediary metabolism and respiration
Rv2221c	4	4	0,413484436 intermediary metabolism and respiration
Rv1937	16	0	0,415839554 intermediary metabolism and respiration
Rv0646c	2	3	0,422118767 intermediary metabolism and respiration
Rv0952	2	3	0,422118767 intermediary metabolism and respiration
Rv1988	2	3	0,422118767 intermediary metabolism and respiration
Rv3275c	2	3	0,422118767 intermediary metabolism and respiration

Rv3708c	2	3	0,422118767 intermediary metabolism and respiration
Rv1335	17	0	0,439275046 intermediary metabolism and respiration
Rv3913	49	5	0,447635572 intermediary metabolism and respiration
Rv2949c	20	10	0,480500074 intermediary metabolism and respiration
Rv0788	7	5	0,485900548 intermediary metabolism and respiration
Rv1631	7	5	0,485900548 intermediary metabolism and respiration
Rv3389c	7	5	0,485900548 intermediary metabolism and respiration
Rv1161	41	17	0,486944714 intermediary metabolism and respiration
Rv0766c	23	1	0,499526963 intermediary metabolism and respiration
Rv3119	31	2	0,530802522 intermediary metabolism and respiration
Rv2763c	12	7	0,538915113 intermediary metabolism and respiration
Rv3520c	12	7	0,538915113 intermediary metabolism and respiration
Rv0208c	5	4	0,552732111 intermediary metabolism and respiration
Rv1712	5	4	0,552732111 intermediary metabolism and respiration
Rv2217	5	4	0,552732111 intermediary metabolism and respiration
Rv1300	58	7	0,589487538 intermediary metabolism and respiration
Rv1256c	14	0	0,602437508 intermediary metabolism and respiration
Rv2391	20	1	0,616502504 intermediary metabolism and respiration
Rv3547	20	1	0,616502504 intermediary metabolism and respiration
Rv0303	27	2	0,616807692 intermediary metabolism and respiration
Rv3502c	27	2	0,616807692 intermediary metabolism and respiration
Rv3534c	27	2	0,616807692 intermediary metabolism and respiration
Rv2606c	10	6	0,620086754 intermediary metabolism and respiration
Rv0694	3	3	0,62647 intermediary metabolism and respiration
Rv0809	3	3	0,62647 intermediary metabolism and respiration
Rv1121	3	3	0,62647 intermediary metabolism and respiration
Rv1611	3	3	0,62647 intermediary metabolism and respiration
Rv3814c	3	3	0,62647 intermediary metabolism and respiration
Rv0082	1	2	0,643390112 intermediary metabolism and respiration
Rv0547c	1	2	0,643390112 intermediary metabolism and respiration
Rv0734	1	2	0,643390112 intermediary metabolism and respiration
Rv1187	1	2	0,643390112 intermediary metabolism and respiration
Rv1360	1	2	0,643390112 intermediary metabolism and respiration
Rv1538c	1	2	0,643390112 intermediary metabolism and respiration

Rv1568	1	2	0,643390112 intermediary metabolism and respiration
Rv1613	1	2	0,643390112 intermediary metabolism and respiration
Rv1833c	1	2	0,643390112 intermediary metabolism and respiration
Rv2677c	1	2	0,643390112 intermediary metabolism and respiration
Rv2765	1	2	0,643390112 intermediary metabolism and respiration
Rv2111c	94	14	0,654128977 intermediary metabolism and respiration
Rv0363c	6	4	0,654786705 intermediary metabolism and respiration
Rv0568	6	4	0,654786705 intermediary metabolism and respiration
Rv0948c	6	4	0,654786705 intermediary metabolism and respiration
Rv2220	6	4	0,654786705 intermediary metabolism and respiration
Rv2726c	6	4	0,654786705 intermediary metabolism and respiration
Rv2781c	6	4	0,654786705 intermediary metabolism and respiration
Rv0327c	11	0	0,766641622 intermediary metabolism and respiration
Rv0763c	11	0	0,766641622 intermediary metabolism and respiration
Rv3914	32	3	0,768017391 intermediary metabolism and respiration
Rv3837c	33	3	0,782530909 intermediary metabolism and respiration
Rv0369c	4	3	0,787843454 intermediary metabolism and respiration
Rv1326c	4	3	0,787843454 intermediary metabolism and respiration
Rv2773c	4	3	0,787843454 intermediary metabolism and respiration
Rv2847c	4	3	0,787843454 intermediary metabolism and respiration
Rv3028c	4	3	0,787843454 intermediary metabolism and respiration
Rv0511	8	5	0,81076095 intermediary metabolism and respiration
Rv0765c	18	1	0,816741656 intermediary metabolism and respiration
Rv0919	18	1	0,816741656 intermediary metabolism and respiration
Rv0814c	19	1	0,823208877 intermediary metabolism and respiration
Rv1843c	9	5	0,879377032 intermediary metabolism and respiration
Rv3029c	9	5	0,879377032 intermediary metabolism and respiration
Rv3145	9	5	0,879377032 intermediary metabolism and respiration
Rv0415	10	5	0,886611927 intermediary metabolism and respiration
Rv0562	5	3	0,890066667 intermediary metabolism and respiration
Rv2540c	5	3	0,890066667 intermediary metabolism and respiration
Rv2918c	5	3	0,890066667 intermediary metabolism and respiration
Rv3198A	5	3	0,890066667 intermediary metabolism and respiration
Rv3225c	5	3	0,890066667 intermediary metabolism and respiration

Rv0118c	0	1	0,891983427 intermediary metabolism and respiration
Rv0321	0	1	0,891983427 intermediary metabolism and respiration
Rv1384	0	1	0,891983427 intermediary metabolism and respiration
Rv1681	0	1	0,891983427 intermediary metabolism and respiration
Rv1726	0	1	0,891983427 intermediary metabolism and respiration
Rv2062c	0	1	0,891983427 intermediary metabolism and respiration
Rv2447c	0	1	0,891983427 intermediary metabolism and respiration
Rv2855	0	1	0,891983427 intermediary metabolism and respiration
Rv2957	0	1	0,891983427 intermediary metabolism and respiration
Rv3085	0	1	0,891983427 intermediary metabolism and respiration
Rv3149	0	1	0,891983427 intermediary metabolism and respiration
Rv3712	0	1	0,891983427 intermediary metabolism and respiration
Rv0245	2	2	0,902076825 intermediary metabolism and respiration
Rv0391	2	2	0,902076825 intermediary metabolism and respiration
Rv0782	2	2	0,902076825 intermediary metabolism and respiration
Rv0812	2	2	0,902076825 intermediary metabolism and respiration
Rv0819	2	2	0,902076825 intermediary metabolism and respiration
Rv1096	2	2	0,902076825 intermediary metabolism and respiration
Rv1098c	2	2	0,902076825 intermediary metabolism and respiration
Rv1213	2	2	0,902076825 intermediary metabolism and respiration
Rv1328	2	2	0,902076825 intermediary metabolism and respiration
Rv1377c	2	2	0,902076825 intermediary metabolism and respiration
Rv1606	2	2	0,902076825 intermediary metabolism and respiration
Rv1849	2	2	0,902076825 intermediary metabolism and respiration
Rv1850	2	2	0,902076825 intermediary metabolism and respiration
Rv1856c	2	2	0,902076825 intermediary metabolism and respiration
Rv2419c	2	2	0,902076825 intermediary metabolism and respiration
Rv2439c	2	2	0,902076825 intermediary metabolism and respiration
Rv2445c	2	2	0,902076825 intermediary metabolism and respiration
Rv2604c	2	2	0,902076825 intermediary metabolism and respiration
Rv3137	2	2	0,902076825 intermediary metabolism and respiration
Rv3147	2	2	0,902076825 intermediary metabolism and respiration
Rv3224	2	2	0,902076825 intermediary metabolism and respiration
Rv3396c	2	2	0,902076825 intermediary metabolism and respiration

Rv3588c	2	2	0,902076825 intermediary metabolism and respiration
Rv3685c	2	2	0,902076825 intermediary metabolism and respiration
Rv3815c	2	2	0,902076825 intermediary metabolism and respiration
Rv1095	19	8	0,922402053 intermediary metabolism and respiration
Rv0940c	17	1	0,945295065 intermediary metabolism and respiration
Rv1595	17	1	0,945295065 intermediary metabolism and respiration
Rv1714	17	1	0,945295065 intermediary metabolism and respiration
Rv0501	20	8	0,950979338 intermediary metabolism and respiration
Rv2338c	7	0	0,965258939 intermediary metabolism and respiration
Rv3323c	7	0	0,965258939 intermediary metabolism and respiration
Rv1832	14	6	0,966007031 intermediary metabolism and respiration
Rv0896	13	5	0,979843859 intermediary metabolism and respiration
Rv3609c	13	5	0,979843859 intermediary metabolism and respiration
Rv0781	7	4	0,987885942 intermediary metabolism and respiration
Rv2776c	7	4	0,987885942 intermediary metabolism and respiration
Rv2421c	24	8	0,995966453 intermediary metabolism and respiration
Rv0317c	8	4	1,000356578 intermediary metabolism and respiration
Rv1293	8	4	1,000356578 intermediary metabolism and respiration
Rv1294	8	4	1,000356578 intermediary metabolism and respiration
Rv2498c	8	4	1,000356578 intermediary metabolism and respiration
Rv2753c	8	4	1,000356578 intermediary metabolism and respiration
Rv3007c	29	4	1,000585797 intermediary metabolism and respiration
Rv0409	3	2	1,017645149 intermediary metabolism and respiration
Rv0619	3	2	1,017645149 intermediary metabolism and respiration
Rv0951	3	2	1,017645149 intermediary metabolism and respiration
Rv1163	3	2	1,017645149 intermediary metabolism and respiration
Rv1240	3	2	1,017645149 intermediary metabolism and respiration
Rv1355c	3	2	1,017645149 intermediary metabolism and respiration
Rv1408	3	2	1,017645149 intermediary metabolism and respiration
Rv1409	3	2	1,017645149 intermediary metabolism and respiration
Rv1416	3	2	1,017645149 intermediary metabolism and respiration
Rv1485	3	2	1,017645149 intermediary metabolism and respiration
Rv1559	3	2	1,017645149 intermediary metabolism and respiration
Rv1625c	3	2	1,017645149 intermediary metabolism and respiration

Rv2196	3	2	1,017645149 intermediary metabolism and respiration
Rv2535c	3	2	1,017645149 intermediary metabolism and respiration
Rv2750	3	2	1,017645149 intermediary metabolism and respiration
Rv2860c	3	2	1,017645149 intermediary metabolism and respiration
Rv2951c	3	2	1,017645149 intermediary metabolism and respiration
Rv3273	3	2	1,017645149 intermediary metabolism and respiration
Rv3400	3	2	1,017645149 intermediary metabolism and respiration
Rv3419c	3	2	1,017645149 intermediary metabolism and respiration
Rv3441c	3	2	1,017645149 intermediary metabolism and respiration
Rv3671c	3	2	1,017645149 intermediary metabolism and respiration
Rv3883c	3	2	1,017645149 intermediary metabolism and respiration
Rv0220	6	3	1,023060102 intermediary metabolism and respiration
Rv0486	6	3	1,023060102 intermediary metabolism and respiration
Rv0802c	6	3	1,023060102 intermediary metabolism and respiration
Rv1229c	6	3	1,023060102 intermediary metabolism and respiration
Rv1308	6	3	1,023060102 intermediary metabolism and respiration
Rv1309	6	3	1,023060102 intermediary metabolism and respiration
Rv2427c	6	3	1,023060102 intermediary metabolism and respiration
Rv3601c	12	1	1,031469845 intermediary metabolism and respiration
Rv2669	11	1	1,032354536 intermediary metabolism and respiration
Rv0751c	26	4	1,044292402 intermediary metabolism and respiration
Rv0334	13	1	1,045711168 intermediary metabolism and respiration
Rv1939	13	1	1,045711168 intermediary metabolism and respiration
Rv1392	52	9	1,064184483 intermediary metabolism and respiration
Rv0840c	34	5	1,066800249 intermediary metabolism and respiration
Rv0864	20	2	1,073512681 intermediary metabolism and respiration
Rv3010c	20	2	1,073512681 intermediary metabolism and respiration
Rv0512	7	3	1,073553923 intermediary metabolism and respiration
Rv0866	7	3	1,073553923 intermediary metabolism and respiration
Rv1862	7	3	1,073553923 intermediary metabolism and respiration
Rv2438c	7	3	1,073553923 intermediary metabolism and respiration
Rv3146	7	3	1,073553923 intermediary metabolism and respiration
Rv2222c	11	4	1,075323219 intermediary metabolism and respiration
Rv2440c	11	4	1,075323219 intermediary metabolism and respiration

Rv2453c	11	4	1,075323219 intermediary metabolism and respiration
Rv2962c	11	4	1,075323219 intermediary metabolism and respiration
Rv3710	16	5	1,082039404 intermediary metabolism and respiration
Rv3596c	75	21	1,08529766 intermediary metabolism and respiration
Rv1164	9	4	1,090043564 intermediary metabolism and respiration
Rv3579c	9	4	1,090043564 intermediary metabolism and respiration
Rv0253	5	0	1,093861497 intermediary metabolism and respiration
Rv2210c	5	0	1,093861497 intermediary metabolism and respiration
Rv2747	5	0	1,093861497 intermediary metabolism and respiration
Rv3059	5	0	1,093861497 intermediary metabolism and respiration
Rv0139	14	1	1,106515077 intermediary metabolism and respiration
Rv1403c	14	1	1,106515077 intermediary metabolism and respiration
Rv2470	14	1	1,106515077 intermediary metabolism and respiration
Rv3411c	12	4	1,106640649 intermediary metabolism and respiration
Rv0374c	6	0	1,107198572 intermediary metabolism and respiration
Rv0489	6	0	1,107198572 intermediary metabolism and respiration
Rv0770	6	0	1,107198572 intermediary metabolism and respiration
Rv2622	6	0	1,107198572 intermediary metabolism and respiration
Rv3602c	6	0	1,107198572 intermediary metabolism and respiration
Rv3049c	32	5	1,107346728 intermediary metabolism and respiration
Rv2867c	19	6	1,108162472 intermediary metabolism and respiration
Rv3673c	19	6	1,108162472 intermediary metabolism and respiration
Rv2465c	29	9	1,112954871 intermediary metabolism and respiration
Rv1310	10	4	1,115414979 intermediary metabolism and respiration
Rv1905c	10	4	1,115414979 intermediary metabolism and respiration
Rv2200c	10	4	1,115414979 intermediary metabolism and respiration
Rv2895c	10	4	1,115414979 intermediary metabolism and respiration
Rv3842c	10	4	1,115414979 intermediary metabolism and respiration
Rv3859c	18	6	1,120065972 intermediary metabolism and respiration
Rv0635	18	7	1,121058282 intermediary metabolism and respiration
Rv0687	18	7	1,121058282 intermediary metabolism and respiration
Rv2110c	20	6	1,121612319 intermediary metabolism and respiration
Rv3518c	24	3	1,123250242 intermediary metabolism and respiration
Rv3567c	15	1	1,126699026 intermediary metabolism and respiration

Rv2497c	94	25	1,13203309 intermediary metabolism and respiration
Rv0075	5	2	1,132270883 intermediary metabolism and respiration
Rv0187	5	2	1,132270883 intermediary metabolism and respiration
Rv0380c	5	2	1,132270883 intermediary metabolism and respiration
Rv1245c	5	2	1,132270883 intermediary metabolism and respiration
Rv1448c	5	2	1,132270883 intermediary metabolism and respiration
Rv1602	5	2	1,132270883 intermediary metabolism and respiration
Rv1603	5	2	1,132270883 intermediary metabolism and respiration
Rv1751	5	2	1,132270883 intermediary metabolism and respiration
Rv2045c	5	2	1,132270883 intermediary metabolism and respiration
Rv2112c	5	2	1,132270883 intermediary metabolism and respiration
Rv2241	5	2	1,132270883 intermediary metabolism and respiration
Rv2388c	5	2	1,132270883 intermediary metabolism and respiration
Rv3138	5	2	1,132270883 intermediary metabolism and respiration
Rv3379c	5	2	1,132270883 intermediary metabolism and respiration
Rv3436c	5	2	1,132270883 intermediary metabolism and respiration
Rv3549c	5	2	1,132270883 intermediary metabolism and respiration
Rv2851c	23	7	1,133138026 intermediary metabolism and respiration
Rv1391	29	10	1,134590476 intermediary metabolism and respiration
Rv0147	16	2	1,143221307 intermediary metabolism and respiration
Rv0223c	16	2	1,143221307 intermediary metabolism and respiration
Rv0769	16	2	1,143221307 intermediary metabolism and respiration
Rv1336	16	2	1,143221307 intermediary metabolism and respiration
Rv0478	8	3	1,143564814 intermediary metabolism and respiration
Rv0886	8	3	1,143564814 intermediary metabolism and respiration
Rv1520	8	3	1,143564814 intermediary metabolism and respiration
Rv1617	8	3	1,143564814 intermediary metabolism and respiration
Rv2130c	15	2	1,146799395 intermediary metabolism and respiration
Rv0848	17	2	1,149582391 intermediary metabolism and respiration
Rv2368c	17	2	1,149582391 intermediary metabolism and respiration
Rv1286	61	12	1,154495719 intermediary metabolism and respiration
Rv0548c	6	2	1,154704835 intermediary metabolism and respiration
Rv0567	6	2	1,154704835 intermediary metabolism and respiration
Rv0815c	6	2	1,154704835 intermediary metabolism and respiration

Rv1077	6	2	1,154704835 intermediary metabolism and respiration
Rv1393c	6	2	1,154704835 intermediary metabolism and respiration
Rv1844c	6	2	1,154704835 intermediary metabolism and respiration
Rv1916	6	2	1,154704835 intermediary metabolism and respiration
Rv2195	6	2	1,154704835 intermediary metabolism and respiration
Rv2280	6	2	1,154704835 intermediary metabolism and respiration
Rv2970c	6	2	1,154704835 intermediary metabolism and respiration
Rv3279c	6	2	1,154704835 intermediary metabolism and respiration
Rv3487c	6	2	1,154704835 intermediary metabolism and respiration
Rv0097	1	1	1,155519357 intermediary metabolism and respiration
Rv0161	1	1	1,155519357 intermediary metabolism and respiration
Rv0162c	1	1	1,155519357 intermediary metabolism and respiration
Rv0255c	1	1	1,155519357 intermediary metabolism and respiration
Rv0316	1	1	1,155519357 intermediary metabolism and respiration
Rv0337c	1	1	1,155519357 intermediary metabolism and respiration
Rv0357c	1	1	1,155519357 intermediary metabolism and respiration
Rv0439c	1	1	1,155519357 intermediary metabolism and respiration
Rv0696	1	1	1,155519357 intermediary metabolism and respiration
Rv0697	1	1	1,155519357 intermediary metabolism and respiration
Rv0778	1	1	1,155519357 intermediary metabolism and respiration
Rv0780	1	1	1,155519357 intermediary metabolism and respiration
Rv0803	1	1	1,155519357 intermediary metabolism and respiration
Rv0868c	1	1	1,155519357 intermediary metabolism and respiration
Rv0892	1	1	1,155519357 intermediary metabolism and respiration
Rv0945	1	1	1,155519357 intermediary metabolism and respiration
Rv0946c	1	1	1,155519357 intermediary metabolism and respiration
Rv0957	1	1	1,155519357 intermediary metabolism and respiration
Rv1079	1	1	1,155519357 intermediary metabolism and respiration
Rv1092c	1	1	1,155519357 intermediary metabolism and respiration
Rv1099c	1	1	1,155519357 intermediary metabolism and respiration
Rv1122	1	1	1,155519357 intermediary metabolism and respiration
Rv1212c	1	1	1,155519357 intermediary metabolism and respiration
Rv1220c	1	1	1,155519357 intermediary metabolism and respiration
Rv1254	1	1	1,155519357 intermediary metabolism and respiration

Rv1279	1	1	1,155519357 intermediary metabolism and respiration
Rv1319c	1	1	1,155519357 intermediary metabolism and respiration
Rv1320c	1	1	1,155519357 intermediary metabolism and respiration
Rv1381	1	1	1,155519357 intermediary metabolism and respiration
Rv1383	1	1	1,155519357 intermediary metabolism and respiration
Rv1445c	1	1	1,155519357 intermediary metabolism and respiration
Rv1512	1	1	1,155519357 intermediary metabolism and respiration
Rv1569	1	1	1,155519357 intermediary metabolism and respiration
Rv1570	1	1	1,155519357 intermediary metabolism and respiration
Rv1605	1	1	1,155519357 intermediary metabolism and respiration
Rv1612	1	1	1,155519357 intermediary metabolism and respiration
Rv1653	1	1	1,155519357 intermediary metabolism and respiration
Rv1853	1	1	1,155519357 intermediary metabolism and respiration
Rv2065	1	1	1,155519357 intermediary metabolism and respiration
Rv2066	1	1	1,155519357 intermediary metabolism and respiration
Rv2072c	1	1	1,155519357 intermediary metabolism and respiration
Rv2118c	1	1	1,155519357 intermediary metabolism and respiration
Rv2201	1	1	1,155519357 intermediary metabolism and respiration
Rv2207	1	1	1,155519357 intermediary metabolism and respiration
Rv2249c	1	1	1,155519357 intermediary metabolism and respiration
Rv2251	1	1	1,155519357 intermediary metabolism and respiration
Rv2259	1	1	1,155519357 intermediary metabolism and respiration
Rv2321c	1	1	1,155519357 intermediary metabolism and respiration
Rv2363	1	1	1,155519357 intermediary metabolism and respiration
Rv2435c	1	1	1,155519357 intermediary metabolism and respiration
Rv2436	1	1	1,155519357 intermediary metabolism and respiration
Rv2485c	1	1	1,155519357 intermediary metabolism and respiration
Rv2509	1	1	1,155519357 intermediary metabolism and respiration
Rv2739c	1	1	1,155519357 intermediary metabolism and respiration
Rv2848c	1	1	1,155519357 intermediary metabolism and respiration
Rv2858c	1	1	1,155519357 intermediary metabolism and respiration
Rv2859c	1	1	1,155519357 intermediary metabolism and respiration
Rv2993c	1	1	1,155519357 intermediary metabolism and respiration
Rv3150	1	1	1,155519357 intermediary metabolism and respiration

Rv3151	1	1	1,155519357 intermediary metabolism and respiration
Rv3152	1	1	1,155519357 intermediary metabolism and respiration
Rv3157	1	1	1,155519357 intermediary metabolism and respiration
Rv3227	1	1	1,155519357 intermediary metabolism and respiration
Rv3303c	1	1	1,155519357 intermediary metabolism and respiration
Rv3305c	1	1	1,155519357 intermediary metabolism and respiration
Rv3306c	1	1	1,155519357 intermediary metabolism and respiration
Rv3319	1	1	1,155519357 intermediary metabolism and respiration
Rv3352c	1	1	1,155519357 intermediary metabolism and respiration
Rv3393	1	1	1,155519357 intermediary metabolism and respiration
Rv3401	1	1	1,155519357 intermediary metabolism and respiration
Rv3423c	1	1	1,155519357 intermediary metabolism and respiration
Rv3606c	1	1	1,155519357 intermediary metabolism and respiration
Rv3628	1	1	1,155519357 intermediary metabolism and respiration
Rv3713	1	1	1,155519357 intermediary metabolism and respiration
Rv3762c	1	1	1,155519357 intermediary metabolism and respiration
Rv0046c	37	7	1,162033776 intermediary metabolism and respiration
Rv2202c	36	5	1,164654035 intermediary metabolism and respiration
Rv1471	15	5	1,167008184 intermediary metabolism and respiration
Rv0636	29	8	1,167509737 intermediary metabolism and respiration
Rv0846c	10	1	1,169814587 intermediary metabolism and respiration
Rv0884c	10	1	1,169814587 intermediary metabolism and respiration
Rv1304	10	1	1,169814587 intermediary metabolism and respiration
Rv1412	10	1	1,169814587 intermediary metabolism and respiration
Rv1928c	10	1	1,169814587 intermediary metabolism and respiration
Rv3464	10	1	1,169814587 intermediary metabolism and respiration
Rv3530c	10	1	1,169814587 intermediary metabolism and respiration
Rv3538	10	1	1,169814587 intermediary metabolism and respiration
Rv0338c	9	1	1,171820425 intermediary metabolism and respiration
Rv1155	9	1	1,171820425 intermediary metabolism and respiration
Rv1307	9	1	1,171820425 intermediary metabolism and respiration
Rv0423c	33	9	1,172754192 intermediary metabolism and respiration
Rv2457c	33	9	1,172754192 intermediary metabolism and respiration
Rv3118	32	6	1,174939457 intermediary metabolism and respiration

Rv0637	9	3	1,175481928 intermediary metabolism and respiration
Rv0688	9	3	1,175481928 intermediary metabolism and respiration
Rv0794c	9	3	1,175481928 intermediary metabolism and respiration
Rv1389	9	3	1,175481928 intermediary metabolism and respiration
Rv2109c	9	3	1,175481928 intermediary metabolism and respiration
Rv0068	2	1	1,177742083 intermediary metabolism and respiration
Rv0084	2	1	1,177742083 intermediary metabolism and respiration
Rv0089	2	1	1,177742083 intermediary metabolism and respiration
Rv0091	2	1	1,177742083 intermediary metabolism and respiration
Rv0189c	2	1	1,177742083 intermediary metabolism and respiration
Rv0213c	2	1	1,177742083 intermediary metabolism and respiration
Rv0370c	2	1	1,177742083 intermediary metabolism and respiration
Rv0407	2	1	1,177742083 intermediary metabolism and respiration
Rv0417	2	1	1,177742083 intermediary metabolism and respiration
Rv0484c	2	1	1,177742083 intermediary metabolism and respiration
Rv0500	2	1	1,177742083 intermediary metabolism and respiration
Rv0536	2	1	1,177742083 intermediary metabolism and respiration
Rv0542c	2	1	1,177742083 intermediary metabolism and respiration
Rv0618	2	1	1,177742083 intermediary metabolism and respiration
Rv0773c	2	1	1,177742083 intermediary metabolism and respiration
Rv0843	2	1	1,177742083 intermediary metabolism and respiration
Rv0851c	2	1	1,177742083 intermediary metabolism and respiration
Rv0853c	2	1	1,177742083 intermediary metabolism and respiration
Rv0881	2	1	1,177742083 intermediary metabolism and respiration
Rv0913c	2	1	1,177742083 intermediary metabolism and respiration
Rv1005c	2	1	1,177742083 intermediary metabolism and respiration
Rv1090	2	1	1,177742083 intermediary metabolism and respiration
Rv1104	2	1	1,177742083 intermediary metabolism and respiration
Rv1144	2	1	1,177742083 intermediary metabolism and respiration
Rv1257c	2	1	1,177742083 intermediary metabolism and respiration
Rv1318c	2	1	1,177742083 intermediary metabolism and respiration
Rv1442	2	1	1,177742083 intermediary metabolism and respiration
Rv1447c	2	1	1,177742083 intermediary metabolism and respiration
Rv1454c	2	1	1,177742083 intermediary metabolism and respiration

Rv1530	2	1	1,177742083 intermediary metabolism and respiration
Rv1601	2	1	1,177742083 intermediary metabolism and respiration
Rv1604	2	1	1,177742083 intermediary metabolism and respiration
Rv1656	2	1	1,177742083 intermediary metabolism and respiration
Rv1658	2	1	1,177742083 intermediary metabolism and respiration
Rv1713	2	1	1,177742083 intermediary metabolism and respiration
Rv1786	2	1	1,177742083 intermediary metabolism and respiration
Rv1812c	2	1	1,177742083 intermediary metabolism and respiration
Rv1834	2	1	1,177742083 intermediary metabolism and respiration
Rv1852	2	1	1,177742083 intermediary metabolism and respiration
Rv1885c	2	1	1,177742083 intermediary metabolism and respiration
Rv2070c	2	1	1,177742083 intermediary metabolism and respiration
Rv2074	2	1	1,177742083 intermediary metabolism and respiration
Rv2095c	2	1	1,177742083 intermediary metabolism and respiration
Rv2096c	2	1	1,177742083 intermediary metabolism and respiration
Rv2211c	2	1	1,177742083 intermediary metabolism and respiration
Rv2212	2	1	1,177742083 intermediary metabolism and respiration
Rv2250A	2	1	1,177742083 intermediary metabolism and respiration
Rv2344c	2	1	1,177742083 intermediary metabolism and respiration
Rv2393	2	1	1,177742083 intermediary metabolism and respiration
Rv2467	2	1	1,177742083 intermediary metabolism and respiration
Rv2539c	2	1	1,177742083 intermediary metabolism and respiration
Rv2678c	2	1	1,177742083 intermediary metabolism and respiration
Rv2727c	2	1	1,177742083 intermediary metabolism and respiration
Rv2800	2	1	1,177742083 intermediary metabolism and respiration
Rv2850c	2	1	1,177742083 intermediary metabolism and respiration
Rv2857c	2	1	1,177742083 intermediary metabolism and respiration
Rv2861c	2	1	1,177742083 intermediary metabolism and respiration
Rv2952	2	1	1,177742083 intermediary metabolism and respiration
Rv2967c	2	1	1,177742083 intermediary metabolism and respiration
Rv3068c	2	1	1,177742083 intermediary metabolism and respiration
Rv3106	2	1	1,177742083 intermediary metabolism and respiration
Rv3148	2	1	1,177742083 intermediary metabolism and respiration
Rv3154	2	1	1,177742083 intermediary metabolism and respiration

Rv3156	2	1	1,177742083 intermediary metabolism and respiration
Rv3170	2	1	1,177742083 intermediary metabolism and respiration
Rv3199c	2	1	1,177742083 intermediary metabolism and respiration
Rv3261	2	1	1,177742083 intermediary metabolism and respiration
Rv3316	2	1	1,177742083 intermediary metabolism and respiration
Rv3356c	2	1	1,177742083 intermediary metabolism and respiration
Rv3377c	2	1	1,177742083 intermediary metabolism and respiration
Rv3469c	2	1	1,177742083 intermediary metabolism and respiration
Rv3485c	2	1	1,177742083 intermediary metabolism and respiration
Rv3509c	2	1	1,177742083 intermediary metabolism and respiration
Rv3624c	2	1	1,177742083 intermediary metabolism and respiration
Rv0198c	7	2	1,179167167 intermediary metabolism and respiration
Rv0711	7	2	1,179167167 intermediary metabolism and respiration
Rv1327c	7	2	1,179167167 intermediary metabolism and respiration
Rv1373	7	2	1,179167167 intermediary metabolism and respiration
Rv1394c	7	2	1,179167167 intermediary metabolism and respiration
Rv1451	7	2	1,179167167 intermediary metabolism and respiration
Rv1475c	7	2	1,179167167 intermediary metabolism and respiration
Rv1695	7	2	1,179167167 intermediary metabolism and respiration
Rv2131c	7	2	1,179167167 intermediary metabolism and respiration
Rv2786c	7	2	1,179167167 intermediary metabolism and respiration
Rv3677c	7	2	1,179167167 intermediary metabolism and respiration
Rv0157	3	1	1,180692338 intermediary metabolism and respiration
Rv0505c	3	1	1,180692338 intermediary metabolism and respiration
Rv0539	3	1	1,180692338 intermediary metabolism and respiration
Rv0553	3	1	1,180692338 intermediary metabolism and respiration
Rv0889c	3	1	1,180692338 intermediary metabolism and respiration
Rv0897c	3	1	1,180692338 intermediary metabolism and respiration
Rv1208	3	1	1,180692338 intermediary metabolism and respiration
Rv1438	3	1	1,180692338 intermediary metabolism and respiration
Rv1498c	3	1	1,180692338 intermediary metabolism and respiration
Rv1511	3	1	1,180692338 intermediary metabolism and respiration
Rv1609	3	1	1,180692338 intermediary metabolism and respiration
Rv1654	3	1	1,180692338 intermediary metabolism and respiration

Rv1731	3	1	1,180692338 intermediary metabolism and respiration
Rv1771	3	1	1,180692338 intermediary metabolism and respiration
Rv1785c	3	1	1,180692338 intermediary metabolism and respiration
Rv1923	3	1	1,180692338 intermediary metabolism and respiration
Rv1941	3	1	1,180692338 intermediary metabolism and respiration
Rv2141c	3	1	1,180692338 intermediary metabolism and respiration
Rv2394	3	1	1,180692338 intermediary metabolism and respiration
Rv2471	3	1	1,180692338 intermediary metabolism and respiration
Rv2511	3	1	1,180692338 intermediary metabolism and respiration
Rv2537c	3	1	1,180692338 intermediary metabolism and respiration
Rv2538c	3	1	1,180692338 intermediary metabolism and respiration
Rv2589	3	1	1,180692338 intermediary metabolism and respiration
Rv2725c	3	1	1,180692338 intermediary metabolism and respiration
Rv2775	3	1	1,180692338 intermediary metabolism and respiration
Rv2899c	3	1	1,180692338 intermediary metabolism and respiration
Rv2977c	3	1	1,180692338 intermediary metabolism and respiration
Rv3042c	3	1	1,180692338 intermediary metabolism and respiration
Rv3158	3	1	1,180692338 intermediary metabolism and respiration
Rv3214	3	1	1,180692338 intermediary metabolism and respiration
Rv3255c	3	1	1,180692338 intermediary metabolism and respiration
Rv3299c	3	1	1,180692338 intermediary metabolism and respiration
Rv3607c	3	1	1,180692338 intermediary metabolism and respiration
Rv3696c	3	1	1,180692338 intermediary metabolism and respiration
Rv3709c	3	1	1,180692338 intermediary metabolism and respiration
Rv3752c	3	1	1,180692338 intermediary metabolism and respiration
Rv3777	3	1	1,180692338 intermediary metabolism and respiration
Rv3838c	3	1	1,180692338 intermediary metabolism and respiration
Rv1285	172	38	1,182433439 intermediary metabolism and respiration
Rv0462	4	2	1,186675548 intermediary metabolism and respiration
Rv0663	4	2	1,186675548 intermediary metabolism and respiration
Rv0733	4	2	1,186675548 intermediary metabolism and respiration
Rv0777	4	2	1,186675548 intermediary metabolism and respiration
Rv0953c	4	2	1,186675548 intermediary metabolism and respiration
Rv1170	4	2	1,186675548 intermediary metabolism and respiration

Rv1201c	4	2	1,186675548 intermediary metabolism and respiration
Rv1202	4	2	1,186675548 intermediary metabolism and respiration
Rv1207	4	2	1,186675548 intermediary metabolism and respiration
Rv1333	4	2	1,186675548 intermediary metabolism and respiration
Rv1437	4	2	1,186675548 intermediary metabolism and respiration
Rv1599	4	2	1,186675548 intermediary metabolism and respiration
Rv1820	4	2	1,186675548 intermediary metabolism and respiration
Rv2089c	4	2	1,186675548 intermediary metabolism and respiration
Rv2121c	4	2	1,186675548 intermediary metabolism and respiration
Rv2194	4	2	1,186675548 intermediary metabolism and respiration
Rv2404c	4	2	1,186675548 intermediary metabolism and respiration
Rv2672	4	2	1,186675548 intermediary metabolism and respiration
Rv2782c	4	2	1,186675548 intermediary metabolism and respiration
Rv3548c	4	2	1,186675548 intermediary metabolism and respiration
Rv3726	4	2	1,186675548 intermediary metabolism and respiration
Rv0416	10	3	1,188374024 intermediary metabolism and respiration
Rv3045	10	3	1,188374024 intermediary metabolism and respiration
Rv3608c	10	3	1,188374024 intermediary metabolism and respiration
Rv1415	14	2	1,213683268 intermediary metabolism and respiration
Rv1826	14	2	1,213683268 intermediary metabolism and respiration
Rv2296	14	2	1,213683268 intermediary metabolism and respiration
Rv0125	13	2	1,215391325 intermediary metabolism and respiration
Rv2068c	13	2	1,215391325 intermediary metabolism and respiration
Rv3086	13	2	1,215391325 intermediary metabolism and respiration
Rv1796	15	4	1,243303357 intermediary metabolism and respiration
Rv1305	18	3	1,25141408 intermediary metabolism and respiration
Rv2454c	18	3	1,25141408 intermediary metabolism and respiration
Rv2988c	18	3	1,25141408 intermediary metabolism and respiration
Rv1589	17	3	1,251923802 intermediary metabolism and respiration
Rv3117	19	3	1,254088199 intermediary metabolism and respiration
Rv0148	22	4	1,275175164 intermediary metabolism and respiration
Rv3283	21	4	1,276017761 intermediary metabolism and respiration
Rv2460c	83	21	1,276017761 intermediary metabolism and respiration
Rv2764c	23	4	1,278009252 intermediary metabolism and respiration

Rv2583c	22	6	1,281240785 intermediary metabolism and respiration
Rv2455c	34	9	1,329955182 intermediary metabolism and respiration
Rv3581c	69	17	1,396845292 intermediary metabolism and respiration
Rv0422c	8	1	1,56554878 intermediary metabolism and respiration
Rv1001	8	1	1,56554878 intermediary metabolism and respiration
Rv1774	8	1	1,56554878 intermediary metabolism and respiration
Rv2193	8	1	1,56554878 intermediary metabolism and respiration
Rv3027c	8	1	1,56554878 intermediary metabolism and respiration
Rv3410c	8	1	1,56554878 intermediary metabolism and respiration
Rv3537	8	1	1,56554878 intermediary metabolism and respiration
Rv1647	7	1	1,56554878 intermediary metabolism and respiration
Rv1878	7	1	1,56554878 intermediary metabolism and respiration
Rv2671	7	1	1,56554878 intermediary metabolism and respiration
Rv3116	7	1	1,56554878 intermediary metabolism and respiration
Rv3203	7	1	1,56554878 intermediary metabolism and respiration
Rv3631	7	1	1,56554878 intermediary metabolism and respiration
Rv3784	7	1	1,56554878 intermediary metabolism and respiration
Rv0137c	12	2	1,56554878 intermediary metabolism and respiration
Rv0241c	6	1	1,56554878 intermediary metabolism and respiration
Rv1497	6	1	1,56554878 intermediary metabolism and respiration
Rv1882c	6	1	1,56554878 intermediary metabolism and respiration
Rv2043c	12	2	1,56554878 intermediary metabolism and respiration
Rv2097c	6	1	1,56554878 intermediary metabolism and respiration
Rv2225	6	1	1,56554878 intermediary metabolism and respiration
Rv2392	6	1	1,56554878 intermediary metabolism and respiration
Rv2715	6	1	1,56554878 intermediary metabolism and respiration
Rv2959c	12	2	1,56554878 intermediary metabolism and respiration
Rv3034c	6	1	1,56554878 intermediary metabolism and respiration
Rv3057c	6	1	1,56554878 intermediary metabolism and respiration
Rv3093c	6	1	1,56554878 intermediary metabolism and respiration
Rv3309c	12	2	1,56554878 intermediary metabolism and respiration
Rv2218	11	2	1,56554878 intermediary metabolism and respiration
Rv2266	11	2	1,56554878 intermediary metabolism and respiration
Rv2849c	11	2	1,56554878 intermediary metabolism and respiration

Rv0149	16	3	1,56554878 intermediary metabolism and respiration
Rv3257c	16	3	1,56554878 intermediary metabolism and respiration
Rv0066c	5	1	1,56554878 intermediary metabolism and respiration
Rv0315	5	1	1,56554878 intermediary metabolism and respiration
Rv0373c	5	1	1,56554878 intermediary metabolism and respiration
Rv0730	5	1	1,56554878 intermediary metabolism and respiration
Rv0865	5	1	1,56554878 intermediary metabolism and respiration
Rv0869c	5	1	1,56554878 intermediary metabolism and respiration
Rv0993	5	1	1,56554878 intermediary metabolism and respiration
Rv1017c	5	1	1,56554878 intermediary metabolism and respiration
Rv1131	15	3	1,56554878 intermediary metabolism and respiration
Rv1306	10	2	1,56554878 intermediary metabolism and respiration
Rv1446c	5	1	1,56554878 intermediary metabolism and respiration
Rv1449c	5	1	1,56554878 intermediary metabolism and respiration
Rv1703c	10	2	1,56554878 intermediary metabolism and respiration
Rv1817	10	2	1,56554878 intermediary metabolism and respiration
Rv1855c	10	2	1,56554878 intermediary metabolism and respiration
Rv1869c	15	3	1,56554878 intermediary metabolism and respiration
Rv1880c	5	1	1,56554878 intermediary metabolism and respiration
Rv2334	5	1	1,56554878 intermediary metabolism and respiration
Rv2476c	5	1	1,56554878 intermediary metabolism and respiration
Rv2531c	5	1	1,56554878 intermediary metabolism and respiration
Rv2702	5	1	1,56554878 intermediary metabolism and respiration
Rv3232c	5	1	1,56554878 intermediary metabolism and respiration
Rv3266c	5	1	1,56554878 intermediary metabolism and respiration
Rv3339c	5	1	1,56554878 intermediary metabolism and respiration
Rv1178	19	4	1,56554878 intermediary metabolism and respiration
Rv1248c	14	3	1,56554878 intermediary metabolism and respiration
Rv1854c	14	3	1,56554878 intermediary metabolism and respiration
Rv1130	41	9	1,56554878 intermediary metabolism and respiration
Rv0693	9	2	1,56554878 intermediary metabolism and respiration
Rv1260	9	2	1,56554878 intermediary metabolism and respiration
Rv2178c	9	2	1,56554878 intermediary metabolism and respiration
Rv2215	9	2	1,56554878 intermediary metabolism and respiration

Rv2900c	9	2	1,56554878 intermediary metabolism and respiration
Rv3592	18	4	1,56554878 intermediary metabolism and respiration
Rv0458	13	3	1,56554878 intermediary metabolism and respiration
Rv0808	26	6	1,56554878 intermediary metabolism and respiration
Rv1915	21	5	1,56554878 intermediary metabolism and respiration
Rv2674	21	5	1,56554878 intermediary metabolism and respiration
Rv3915	25	6	1,56554878 intermediary metabolism and respiration
Rv0130	4	1	1,56554878 intermediary metabolism and respiration
Rv0133	8	2	1,56554878 intermediary metabolism and respiration
Rv0254c	4	1	1,56554878 intermediary metabolism and respiration
Rv0266c	4	1	1,56554878 intermediary metabolism and respiration
Rv0375c	4	1	1,56554878 intermediary metabolism and respiration
Rv0389	4	1	1,56554878 intermediary metabolism and respiration
Rv0517	4	1	1,56554878 intermediary metabolism and respiration
Rv0558	12	3	1,56554878 intermediary metabolism and respiration
Rv0560c	4	1	1,56554878 intermediary metabolism and respiration
Rv0761c	8	2	1,56554878 intermediary metabolism and respiration
Rv0772	4	1	1,56554878 intermediary metabolism and respiration
Rv0816c	4	1	1,56554878 intermediary metabolism and respiration
Rv1023	4	1	1,56554878 intermediary metabolism and respiration
Rv1093	4	1	1,56554878 intermediary metabolism and respiration
Rv1106c	4	1	1,56554878 intermediary metabolism and respiration
Rv1436	4	1	1,56554878 intermediary metabolism and respiration
Rv1500	4	1	1,56554878 intermediary metabolism and respiration
Rv1526c	4	1	1,56554878 intermediary metabolism and respiration
Rv1600	4	1	1,56554878 intermediary metabolism and respiration
Rv1623c	4	1	1,56554878 intermediary metabolism and respiration
Rv1837c	4	1	1,56554878 intermediary metabolism and respiration
Rv2122c	4	1	1,56554878 intermediary metabolism and respiration
Rv2335	4	1	1,56554878 intermediary metabolism and respiration
Rv2499c	12	3	1,56554878 intermediary metabolism and respiration
Rv2552c	8	2	1,56554878 intermediary metabolism and respiration
Rv2667	12	3	1,56554878 intermediary metabolism and respiration
Rv2852c	4	1	1,56554878 intermediary metabolism and respiration

Rv2870c	4	1	1,56554878 intermediary metabolism and respiration
Rv2971	4	1	1,56554878 intermediary metabolism and respiration
Rv2984	4	1	1,56554878 intermediary metabolism and respiration
Rv3121	4	1	1,56554878 intermediary metabolism and respiration
Rv3302c	4	1	1,56554878 intermediary metabolism and respiration
Rv3465	4	1	1,56554878 intermediary metabolism and respiration
Rv3742c	4	1	1,56554878 intermediary metabolism and respiration
Rv0013	3	0	1,56554878 intermediary metabolism and respiration
Rv0032	1	0	1,56554878 intermediary metabolism and respiration
Rv0044c	1	0	1,56554878 intermediary metabolism and respiration
Rv0062	0	0	1,56554878 intermediary metabolism and respiration
Rv0063	1	0	1,56554878 intermediary metabolism and respiration
Rv0069c	1	0	1,56554878 intermediary metabolism and respiration
Rv0070c	4	0	1,56554878 intermediary metabolism and respiration
Rv0083	1	0	1,56554878 intermediary metabolism and respiration
Rv0085	0	0	1,56554878 intermediary metabolism and respiration
Rv0086	1	0	1,56554878 intermediary metabolism and respiration
Rv0087	2	0	1,56554878 intermediary metabolism and respiration
Rv0111	1	0	1,56554878 intermediary metabolism and respiration
Rv0132c	2	0	1,56554878 intermediary metabolism and respiration
Rv0155	3	0	1,56554878 intermediary metabolism and respiration
Rv0156	2	0	1,56554878 intermediary metabolism and respiration
Rv0183	1	0	1,56554878 intermediary metabolism and respiration
Rv0197	2	0	1,56554878 intermediary metabolism and respiration
Rv0216	1	0	1,56554878 intermediary metabolism and respiration
Rv0217c	1	0	1,56554878 intermediary metabolism and respiration
Rv0224c	1	0	1,56554878 intermediary metabolism and respiration
Rv0228	0	0	1,56554878 intermediary metabolism and respiration
Rv0234c	1	0	1,56554878 intermediary metabolism and respiration
Rv0252	2	0	1,56554878 intermediary metabolism and respiration
Rv0294	1	0	1,56554878 intermediary metabolism and respiration
Rv0296c	1	0	1,56554878 intermediary metabolism and respiration
Rv0306	2	0	1,56554878 intermediary metabolism and respiration
Rv0319	4	0	1,56554878 intermediary metabolism and respiration

Rv0322	1	0	1,56554878 intermediary metabolism and respiration
Rv0385	3	0	1,56554878 intermediary metabolism and respiration
Rv0392c	2	0	1,56554878 intermediary metabolism and respiration
Rv0408	1	0	1,56554878 intermediary metabolism and respiration
Rv0414c	0	0	1,56554878 intermediary metabolism and respiration
Rv0428c	0	0	1,56554878 intermediary metabolism and respiration
Rv0438c	1	0	1,56554878 intermediary metabolism and respiration
Rv0457c	1	0	1,56554878 intermediary metabolism and respiration
Rv0480c	0	0	1,56554878 intermediary metabolism and respiration
Rv0492c	2	0	1,56554878 intermediary metabolism and respiration
Rv0520	3	0	1,56554878 intermediary metabolism and respiration
Rv0521	0	0	1,56554878 intermediary metabolism and respiration
Rv0524	1	0	1,56554878 intermediary metabolism and respiration
Rv0526	0	0	1,56554878 intermediary metabolism and respiration
Rv0527	1	0	1,56554878 intermediary metabolism and respiration
Rv0529	1	0	1,56554878 intermediary metabolism and respiration
Rv0534c	0	0	1,56554878 intermediary metabolism and respiration
Rv0535	2	0	1,56554878 intermediary metabolism and respiration
Rv0555	2	0	1,56554878 intermediary metabolism and respiration
Rv0561c	2	0	1,56554878 intermediary metabolism and respiration
Rv0565c	1	0	1,56554878 intermediary metabolism and respiration
Rv0573c	1	0	1,56554878 intermediary metabolism and respiration
Rv0620	0	0	1,56554878 intermediary metabolism and respiration
Rv0648	0	0	1,56554878 intermediary metabolism and respiration
Rv0650	0	0	1,56554878 intermediary metabolism and respiration
Rv0669c	2	0	1,56554878 intermediary metabolism and respiration
Rv0727c	0	0	1,56554878 intermediary metabolism and respiration
Rv0728c	1	0	1,56554878 intermediary metabolism and respiration
Rv0729	1	0	1,56554878 intermediary metabolism and respiration
Rv0771	1	0	1,56554878 intermediary metabolism and respiration
Rv0800	1	0	1,56554878 intermediary metabolism and respiration
Rv0828c	2	0	1,56554878 intermediary metabolism and respiration
Rv0858c	0	0	1,56554878 intermediary metabolism and respiration
Rv0927c	1	0	1,56554878 intermediary metabolism and respiration

Rv0943c	0	0	1,56554878 intermediary metabolism and respiration
Rv0956	2	0	1,56554878 intermediary metabolism and respiration
Rv1011	1	0	1,56554878 intermediary metabolism and respiration
Rv1014c	1	0	1,56554878 intermediary metabolism and respiration
Rv1050	1	0	1,56554878 intermediary metabolism and respiration
Rv1076	4	0	1,56554878 intermediary metabolism and respiration
Rv1089A	0	0	1,56554878 intermediary metabolism and respiration
Rv1105	0	0	1,56554878 intermediary metabolism and respiration
Rv1138c	0	0	1,56554878 intermediary metabolism and respiration
Rv1188	1	0	1,56554878 intermediary metabolism and respiration
Rv1263	2	0	1,56554878 intermediary metabolism and respiration
Rv1330c	1	0	1,56554878 intermediary metabolism and respiration
Rv1380	0	0	1,56554878 intermediary metabolism and respiration
Rv1385	0	0	1,56554878 intermediary metabolism and respiration
Rv1399c	2	0	1,56554878 intermediary metabolism and respiration
Rv1400c	1	0	1,56554878 intermediary metabolism and respiration
Rv1426c	0	0	1,56554878 intermediary metabolism and respiration
Rv1432	1	0	1,56554878 intermediary metabolism and respiration
Rv1470	4	0	1,56554878 intermediary metabolism and respiration
Rv1516c	1	0	1,56554878 intermediary metabolism and respiration
Rv1523	1	0	1,56554878 intermediary metabolism and respiration
Rv1524	0	0	1,56554878 intermediary metabolism and respiration
Rv1552	3	0	1,56554878 intermediary metabolism and respiration
Rv1553	2	0	1,56554878 intermediary metabolism and respiration
Rv1554	1	0	1,56554878 intermediary metabolism and respiration
Rv1555	0	0	1,56554878 intermediary metabolism and respiration
Rv1620c	1	0	1,56554878 intermediary metabolism and respiration
Rv1621c	2	0	1,56554878 intermediary metabolism and respiration
Rv1622c	4	0	1,56554878 intermediary metabolism and respiration
Rv1655	1	0	1,56554878 intermediary metabolism and respiration
Rv1659	1	0	1,56554878 intermediary metabolism and respiration
Rv1666c	1	0	1,56554878 intermediary metabolism and respiration
Rv1723	1	0	1,56554878 intermediary metabolism and respiration
Rv1745c	0	0	1,56554878 intermediary metabolism and respiration

Rv1755c	2	0	1,56554878 intermediary metabolism and respiration
Rv1777	1	0	1,56554878 intermediary metabolism and respiration
Rv1781c	1	0	1,56554878 intermediary metabolism and respiration
Rv1851	1	0	1,56554878 intermediary metabolism and respiration
Rv1865c	2	0	1,56554878 intermediary metabolism and respiration
Rv1940	3	0	1,56554878 intermediary metabolism and respiration
Rv2064	0	0	1,56554878 intermediary metabolism and respiration
Rv2071c	1	0	1,56554878 intermediary metabolism and respiration
Rv2073c	2	0	1,56554878 intermediary metabolism and respiration
Rv2129c	2	0	1,56554878 intermediary metabolism and respiration
Rv2139	1	0	1,56554878 intermediary metabolism and respiration
Rv2170	2	0	1,56554878 intermediary metabolism and respiration
Rv2192c	2	0	1,56554878 intermediary metabolism and respiration
Rv2208	1	0	1,56554878 intermediary metabolism and respiration
Rv2213	2	0	1,56554878 intermediary metabolism and respiration
Rv2231c	1	0	1,56554878 intermediary metabolism and respiration
Rv2236c	1	0	1,56554878 intermediary metabolism and respiration
Rv2263	2	0	1,56554878 intermediary metabolism and respiration
Rv2268c	0	0	1,56554878 intermediary metabolism and respiration
Rv2276	0	0	1,56554878 intermediary metabolism and respiration
Rv2277c	0	0	1,56554878 intermediary metabolism and respiration
Rv2284	3	0	1,56554878 intermediary metabolism and respiration
Rv2294	1	0	1,56554878 intermediary metabolism and respiration
Rv2322c	2	0	1,56554878 intermediary metabolism and respiration
Rv2349c	1	0	1,56554878 intermediary metabolism and respiration
Rv2350c	0	0	1,56554878 intermediary metabolism and respiration
Rv2351c	2	0	1,56554878 intermediary metabolism and respiration
Rv2364c	2	0	1,56554878 intermediary metabolism and respiration
Rv2458	0	0	1,56554878 intermediary metabolism and respiration
Rv2579	2	0	1,56554878 intermediary metabolism and respiration
Rv2601	1	0	1,56554878 intermediary metabolism and respiration
Rv2607	4	0	1,56554878 intermediary metabolism and respiration
Rv2701c	2	0	1,56554878 intermediary metabolism and respiration
Rv2754c	0	0	1,56554878 intermediary metabolism and respiration

Rv2766c	1	0	1,56554878 intermediary metabolism and respiration
Rv2874	3	0	1,56554878 intermediary metabolism and respiration
Rv2893	1	0	1,56554878 intermediary metabolism and respiration
Rv2922A	1	0	1,56554878 intermediary metabolism and respiration
Rv2958c	3	0	1,56554878 intermediary metabolism and respiration
Rv2964	4	0	1,56554878 intermediary metabolism and respiration
Rv2966c	0	0	1,56554878 intermediary metabolism and respiration
Rv2997	0	0	1,56554878 intermediary metabolism and respiration
Rv3032	0	0	1,56554878 intermediary metabolism and respiration
Rv3077	2	0	1,56554878 intermediary metabolism and respiration
Rv3078	3	0	1,56554878 intermediary metabolism and respiration
Rv3083	2	0	1,56554878 intermediary metabolism and respiration
Rv3084	0	0	1,56554878 intermediary metabolism and respiration
Rv3109	1	0	1,56554878 intermediary metabolism and respiration
Rv3110	1	0	1,56554878 intermediary metabolism and respiration
Rv3111	1	0	1,56554878 intermediary metabolism and respiration
Rv3112	1	0	1,56554878 intermediary metabolism and respiration
Rv3113	0	0	1,56554878 intermediary metabolism and respiration
Rv3153	3	0	1,56554878 intermediary metabolism and respiration
Rv3155	1	0	1,56554878 intermediary metabolism and respiration
Rv3174	4	0	1,56554878 intermediary metabolism and respiration
Rv3175	1	0	1,56554878 intermediary metabolism and respiration
Rv3215	1	0	1,56554878 intermediary metabolism and respiration
Rv3216	1	0	1,56554878 intermediary metabolism and respiration
Rv3247c	4	0	1,56554878 intermediary metabolism and respiration
Rv3262	1	0	1,56554878 intermediary metabolism and respiration
Rv3276c	2	0	1,56554878 intermediary metabolism and respiration
Rv3293	1	0	1,56554878 intermediary metabolism and respiration
Rv3307	3	0	1,56554878 intermediary metabolism and respiration
Rv3308	0	0	1,56554878 intermediary metabolism and respiration
Rv3313c	1	0	1,56554878 intermediary metabolism and respiration
Rv3314c	1	0	1,56554878 intermediary metabolism and respiration
Rv3315c	2	0	1,56554878 intermediary metabolism and respiration
Rv3317	2	0	1,56554878 intermediary metabolism and respiration

Rv3318	0	0	1,56554878 intermediary metabolism and respiration
Rv3322c	2	0	1,56554878 intermediary metabolism and respiration
Rv3324c	2	0	1,56554878 intermediary metabolism and respiration
Rv3329	0	0	1,56554878 intermediary metabolism and respiration
Rv3359	1	0	1,56554878 intermediary metabolism and respiration
Rv3368c	0	0	1,56554878 intermediary metabolism and respiration
Rv3375	1	0	1,56554878 intermediary metabolism and respiration
Rv3378c	1	0	1,56554878 intermediary metabolism and respiration
Rv3397c	2	0	1,56554878 intermediary metabolism and respiration
Rv3432c	1	0	1,56554878 intermediary metabolism and respiration
Rv3449	0	0	1,56554878 intermediary metabolism and respiration
Rv3468c	0	0	1,56554878 intermediary metabolism and respiration
Rv3470c	1	0	1,56554878 intermediary metabolism and respiration
Rv3525c	3	0	1,56554878 intermediary metabolism and respiration
Rv3551	1	0	1,56554878 intermediary metabolism and respiration
Rv3552	0	0	1,56554878 intermediary metabolism and respiration
Rv3553	0	0	1,56554878 intermediary metabolism and respiration
Rv3554	0	0	1,56554878 intermediary metabolism and respiration
Rv3559c	2	0	1,56554878 intermediary metabolism and respiration
Rv3565	0	0	1,56554878 intermediary metabolism and respiration
Rv3566c	1	0	1,56554878 intermediary metabolism and respiration
Rv3591c	0	0	1,56554878 intermediary metabolism and respiration
Rv3618	1	0	1,56554878 intermediary metabolism and respiration
Rv3634c	1	0	1,56554878 intermediary metabolism and respiration
Rv3668c	4	0	1,56554878 intermediary metabolism and respiration
Rv3700c	1	0	1,56554878 intermediary metabolism and respiration
Rv3727	1	0	1,56554878 intermediary metabolism and respiration
Rv3729	1	0	1,56554878 intermediary metabolism and respiration
Rv3741c	2	0	1,56554878 intermediary metabolism and respiration
Rv3754	1	0	1,56554878 intermediary metabolism and respiration
Rv3772	0	0	1,56554878 intermediary metabolism and respiration
Rv3775	1	0	1,56554878 intermediary metabolism and respiration
Rv3816c	4	0	1,56554878 intermediary metabolism and respiration
Rv3817	0	0	1,56554878 intermediary metabolism and respiration

Rv3829c	4	0	1,56554878	intermediary metabolism and respiration
Rv3886c	1	0	1,56554878	intermediary metabolism and respiration
Rv1046c	67	5	0,084855057	unknown
Rv0325	24	1	0,514657183	unknown
Rv2292c	0	1	0,891983427	unknown
Rv1506c	10	0	0,942423529	unknown
Rv2348c	30	5	1,102355081	unknown
Rv2084	1	1	1,155519357	unknown
Rv1509	2	1	1,177742083	unknown
Rv0326	3	1	1,180692338	unknown
Rv1742	3	1	1,180692338	unknown
Rv1502	4	2	1,186675548	unknown
Rv2645	4	1	1,56554878	unknown
Rv1507A	2	0	1,56554878	unknown
Rv2818c	1	0	1,56554878	unknown
Rv3599c	4	0	1,56554878	unknown
Rv0823c	58	4	0,11328311	regulatory proteins
Rv3862c	42	2	0,13705345	regulatory proteins
Rv2160A	30	16	0,162789799	regulatory proteins
Rv2711	165	25	0,27409932	regulatory proteins
Rv3574	28	1	0,291874338	regulatory proteins
Rv0135c	41	3	0,318762337	regulatory proteins
Rv1460	20	11	0,332317467	regulatory proteins
Rv0931c	12	8	0,346184583	regulatory proteins
Rv2887	6	5	0,380970124	regulatory proteins
Rv2258c	2	3	0,422118767	regulatory proteins
Rv2017	7	5	0,485900548	regulatory proteins
Rv3208	5	4	0,552732111	regulatory proteins
Rv2642	24	11	0,591593706	regulatory proteins
Rv3058c	13	0	0,601558311	regulatory proteins
Rv2640c	21	1	0,615300438	regulatory proteins
Rv0195	20	1	0,616502504	regulatory proteins
Rv1152	19	9	0,628550418	regulatory proteins
Rv0328	11	0	0,766641622	regulatory proteins

Rv3833	12	0	0,768877005 regulatory proteins
Rv1379	4	3	0,787843454 regulatory proteins
Rv3764c	4	3	0,787843454 regulatory proteins
Rv0903c	25	2	0,789455172 regulatory proteins
Rv1167c	25	2	0,789455172 regulatory proteins
Rv3405c	26	2	0,800435931 regulatory proteins
Rv1479	15	7	0,815433256 regulatory proteins
Rv3260c	19	1	0,823208877 regulatory proteins
Rv2034	37	14	0,832297917 regulatory proteins
Rv0744c	22	2	0,883477824 regulatory proteins
Rv1019	16	7	0,883856716 regulatory proteins
Rv0153c	0	1	0,891983427 regulatory proteins
Rv1657	0	1	0,891983427 regulatory proteins
Rv1423	2	2	0,902076825 regulatory proteins
Rv3183	2	2	0,902076825 regulatory proteins
Rv1255c	16	1	0,937059063 regulatory proteins
Rv3095	16	1	0,937059063 regulatory proteins
Rv3160c	10	0	0,942423529 regulatory proteins
Rv0324	17	1	0,945295065 regulatory proteins
Rv1719	7	0	0,965258939 regulatory proteins
Rv1626	13	5	0,979843859 regulatory proteins
Rv0018c	8	0	0,980645136 regulatory proteins
Rv0377	3	2	1,017645149 regulatory proteins
Rv0348	12	1	1,031469845 regulatory proteins
Rv0465c	12	1	1,031469845 regulatory proteins
Rv3681c	25	9	1,052021455 regulatory proteins
Rv3060c	28	4	1,053965333 regulatory proteins
Rv2745c	330	71	1,0552425 regulatory proteins
Rv2788	11	4	1,075323219 regulatory proteins
Rv0144	9	4	1,090043564 regulatory proteins
Rv2175c	5	0	1,093861497 regulatory proteins
Rv3055	5	0	1,093861497 regulatory proteins
Rv3173c	21	3	1,097160937 regulatory proteins
Rv0078	14	1	1,106515077 regulatory proteins

Rv0023	6	0	1,107198572 regulatory proteins
Rv0653c	6	0	1,107198572 regulatory proteins
Rv1049	6	0	1,107198572 regulatory proteins
Rv3830c	6	0	1,107198572 regulatory proteins
Rv0586	268	70	1,109989899 regulatory proteins
Rv3220c	18	7	1,121058282 regulatory proteins
Rv0273c	15	1	1,126699026 regulatory proteins
Rv0681	5	2	1,132270883 regulatory proteins
Rv2359	5	2	1,132270883 regulatory proteins
Rv3246c	23	3	1,132864773 regulatory proteins
Rv1994c	35	6	1,142666132 regulatory proteins
Rv1773c	8	3	1,143564814 regulatory proteins
Rv0485	27	8	1,147181765 regulatory proteins
Rv1743	6	2	1,154704835 regulatory proteins
Rv2884	6	2	1,154704835 regulatory proteins
Rv0042c	1	1	1,155519357 regulatory proteins
Rv0196	1	1	1,155519357 regulatory proteins
Rv0737	1	1	1,155519357 regulatory proteins
Rv0844c	1	1	1,155519357 regulatory proteins
Rv0845	1	1	1,155519357 regulatory proteins
Rv1267c	1	1	1,155519357 regulatory proteins
Rv1358	1	1	1,155519357 regulatory proteins
Rv2088	1	1	1,155519357 regulatory proteins
Rv3575c	1	1	1,155519357 regulatory proteins
Rv3853	1	1	1,155519357 regulatory proteins
Rv1395	28	8	1,155976087 regulatory proteins
Rv0238	10	1	1,169814587 regulatory proteins
Rv0691c	10	1	1,169814587 regulatory proteins
Rv3245c	9	1	1,171820425 regulatory proteins
Rv1332	33	9	1,172754192 regulatory proteins
Rv0117	2	1	1,177742083 regulatory proteins
Rv1028c	2	1	1,177742083 regulatory proteins
Rv1129c	2	1	1,177742083 regulatory proteins
Rv1266c	2	1	1,177742083 regulatory proteins

Rv1931c	2	1	1,177742083 regulatory proteins
Rv2324	2	1	1,177742083 regulatory proteins
Rv3197A	2	1	1,177742083 regulatory proteins
Rv0880	3	1	1,180692338 regulatory proteins
Rv0902c	3	1	1,180692338 regulatory proteins
Rv2176	3	1	1,180692338 regulatory proteins
Rv2234	3	1	1,180692338 regulatory proteins
Rv2914c	3	1	1,180692338 regulatory proteins
Rv3164c	3	1	1,180692338 regulatory proteins
Rv3744	3	1	1,180692338 regulatory proteins
Rv3132c	4	2	1,186675548 regulatory proteins
Rv1985c	46	9	1,191417577 regulatory proteins
Rv1404	13	2	1,215391325 regulatory proteins
Rv0472c	13	4	1,218883666 regulatory proteins
Rv0020c	15	4	1,243303357 regulatory proteins
Rv1846c	19	5	1,267811055 regulatory proteins
Rv3295	21	4	1,276017761 regulatory proteins
Rv2358	23	4	1,278009252 regulatory proteins
Rv3050c	30	6	1,312168518 regulatory proteins
Rv2621c	28	7	1,312544576 regulatory proteins
Rv1534	8	1	1,56554878 regulatory proteins
Rv1963c	8	1	1,56554878 regulatory proteins
Rv0043c	6	1	1,56554878 regulatory proteins
Rv0158	6	1	1,56554878 regulatory proteins
Rv0576	6	1	1,56554878 regulatory proteins
Rv2720	6	1	1,56554878 regulatory proteins
Rv2989	6	1	1,56554878 regulatory proteins
Rv0019c	16	3	1,56554878 regulatory proteins
Rv0165c	5	1	1,56554878 regulatory proteins
Rv0491	20	4	1,56554878 regulatory proteins
Rv1033c	5	1	1,56554878 regulatory proteins
Rv1151c	5	1	1,56554878 regulatory proteins
Rv1674c	5	1	1,56554878 regulatory proteins
Rv1776c	5	1	1,56554878 regulatory proteins

Rv3557c	5	1	1,56554878 regulatory proteins
Rv3849	5	1	1,56554878 regulatory proteins
Rv0490	23	5	1,56554878 regulatory proteins
Rv0212c	9	2	1,56554878 regulatory proteins
Rv0757	45	10	1,56554878 regulatory proteins
Rv0981	27	6	1,56554878 regulatory proteins
Rv0818	31	7	1,56554878 regulatory proteins
Rv0474	22	5	1,56554878 regulatory proteins
Rv1473A	22	5	1,56554878 regulatory proteins
Rv0758	21	5	1,56554878 regulatory proteins
Rv2021c	25	6	1,56554878 regulatory proteins
Rv1909c	29	7	1,56554878 regulatory proteins
Rv0015c	4	1	1,56554878 regulatory proteins
Rv0410c	4	1	1,56554878 regulatory proteins
Rv1556	4	1	1,56554878 regulatory proteins
Rv1816	8	2	1,56554878 regulatory proteins
Rv2779c	4	1	1,56554878 regulatory proteins
Rv3080c	4	1	1,56554878 regulatory proteins
Rv3676	12	3	1,56554878 regulatory proteins
Rv3736	8	2	1,56554878 regulatory proteins
Rv0014c	3	0	1,56554878 regulatory proteins
Rv0022c	1	0	1,56554878 regulatory proteins
Rv0067c	3	0	1,56554878 regulatory proteins
Rv0260c	2	0	1,56554878 regulatory proteins
Rv0339c	1	0	1,56554878 regulatory proteins
Rv0386	4	0	1,56554878 regulatory proteins
Rv0452	3	0	1,56554878 regulatory proteins
Rv0494	1	0	1,56554878 regulatory proteins
Rv0600c	0	0	1,56554878 regulatory proteins
Rv0601c	0	0	1,56554878 regulatory proteins
Rv0602c	1	0	1,56554878 regulatory proteins
Rv0890c	1	0	1,56554878 regulatory proteins
Rv0891c	4	0	1,56554878 regulatory proteins
Rv0894	1	0	1,56554878 regulatory proteins

Rv1027c	1	0	1,56554878 regulatory proteins
Rv1032c	0	0	1,56554878 regulatory proteins
Rv1219c	2	0	1,56554878 regulatory proteins
Rv1353c	1	0	1,56554878 regulatory proteins
Rv1359	1	0	1,56554878 regulatory proteins
Rv1453	1	0	1,56554878 regulatory proteins
Rv1474c	3	0	1,56554878 regulatory proteins
Rv1675c	2	0	1,56554878 regulatory proteins
Rv1746	1	0	1,56554878 regulatory proteins
Rv2027c	2	0	1,56554878 regulatory proteins
Rv2160c	0	0	1,56554878 regulatory proteins
Rv2232	1	0	1,56554878 regulatory proteins
Rv2250c	3	0	1,56554878 regulatory proteins
Rv2282c	1	0	1,56554878 regulatory proteins
Rv2488c	3	0	1,56554878 regulatory proteins
Rv2506	3	0	1,56554878 regulatory proteins
Rv3066	2	0	1,56554878 regulatory proteins
Rv3124	1	0	1,56554878 regulatory proteins
Rv3143	3	0	1,56554878 regulatory proteins
Rv3167c	4	0	1,56554878 regulatory proteins
Rv3291c	2	0	1,56554878 regulatory proteins
Rv3692	2	0	1,56554878 regulatory proteins
Rv3840	3	0	1,56554878 regulatory proteins
Rv3288c	144	17	0,054803763 conserved hypotheticals
Rv1048c	38	1	0,058161426 conserved hypotheticals
Rv2664	55	3	0,058818431 conserved hypotheticals
Rv1558	2	5	0,060235783 conserved hypotheticals
Rv0767c	39	1	0,060356 conserved hypotheticals
Rv0790c	39	1	0,060356 conserved hypotheticals
Rv2557	21	14	0,063402986 conserved hypotheticals
Rv0459	29	17	0,066988731 conserved hypotheticals
Rv3047c	27	0	0,076870435 conserved hypotheticals
Rv2825c	27	16	0,079469923 conserved hypotheticals
Rv1486c	6	7	0,079826219 conserved hypotheticals

Rv0106	1	4	0,080382111 conserved hypotheticals
Rv1057	1	4	0,080382111 conserved hypotheticals
Rv2433c	0	3	0,094731 conserved hypotheticals
Rv2660c	0	3	0,094731 conserved hypotheticals
Rv2159c	11	9	0,10429684 conserved hypotheticals
Rv2452c	24	0	0,109994579 conserved hypotheticals
Rv2295	56	4	0,11045672 conserved hypotheticals
Rv1766	34	1	0,112805173 conserved hypotheticals
Rv2204c	242	82	0,113240098 conserved hypotheticals
Rv2076c	100	11	0,132757067 conserved hypotheticals
Rv2630	16	11	0,13916898 conserved hypotheticals
Rv2255c	10	8	0,159716207 conserved hypotheticals
Rv2012	32	1	0,160058098 conserved hypotheticals
Rv3076	8	7	0,174733036 conserved hypotheticals
Rv1684	2	4	0,176306516 conserved hypotheticals
Rv2004c	2	4	0,176306516 conserved hypotheticals
Rv2079	2	4	0,176306516 conserved hypotheticals
Rv1593c	46	3	0,189583102 conserved hypotheticals
Rv0572c	4	5	0,191150027 conserved hypotheticals
Rv3920c	23	13	0,198662011 conserved hypotheticals
Rv1829	11	8	0,209271414 conserved hypotheticals
Rv0332	20	0	0,227845773 conserved hypotheticals
Rv0177	9	7	0,23647066 conserved hypotheticals
Rv1907c	9	7	0,23647066 conserved hypotheticals
Rv0750	13	9	0,256217481 conserved hypotheticals
Rv0813c	13	9	0,256217481 conserved hypotheticals
Rv1691	1	3	0,257111256 conserved hypotheticals
Rv1950c	62	6	0,285572258 conserved hypotheticals
Rv1321	5	5	0,286174169 conserved hypotheticals
Rv0029	3	4	0,292939524 conserved hypotheticals
Rv0100	3	4	0,292939524 conserved hypotheticals
Rv2230c	3	4	0,292939524 conserved hypotheticals
Rv2641	42	3	0,324705835 conserved hypotheticals
Rv2050	117	16	0,327101762 conserved hypotheticals

Rv1590	19	0	0,327370419 conserved hypotheticals
Rv2665	25	13	0,330258031 conserved hypotheticals
Rv2331	8	6	0,33098 conserved hypotheticals
Rv3376	8	6	0,33098 conserved hypotheticals
Rv0613c	0	2	0,334966855 conserved hypotheticals
Rv1147	0	2	0,334966855 conserved hypotheticals
Rv3654c	0	2	0,334966855 conserved hypotheticals
Rv3655c	0	2	0,334966855 conserved hypotheticals
Rv1831	44	19	0,335069913 conserved hypotheticals
Rv3603c	32	2	0,403010379 conserved hypotheticals
Rv3189	22	11	0,404187525 conserved hypotheticals
Rv3642c	85	11	0,412861931 conserved hypotheticals
Rv1209	4	4	0,413484436 conserved hypotheticals
Rv2143	4	4	0,413484436 conserved hypotheticals
Rv2183c	4	4	0,413484436 conserved hypotheticals
Rv3015c	4	4	0,413484436 conserved hypotheticals
Rv2432c	2	3	0,422118767 conserved hypotheticals
Rv2449c	2	3	0,422118767 conserved hypotheticals
Rv2896c	2	3	0,422118767 conserved hypotheticals
Rv3703c	2	3	0,422118767 conserved hypotheticals
Rv1871c	113	39	0,479693798 conserved hypotheticals
Rv2631	7	5	0,485900548 conserved hypotheticals
Rv0609A	31	2	0,530802522 conserved hypotheticals
Rv0634A	12	7	0,538915113 conserved hypotheticals
Rv1772	18	9	0,588975797 conserved hypotheticals
Rv2165c	14	0	0,602437508 conserved hypotheticals
Rv0313	139	45	0,613142265 conserved hypotheticals
Rv2633c	20	1	0,616502504 conserved hypotheticals
Rv3008	15	0	0,616531826 conserved hypotheticals
Rv3463	15	0	0,616531826 conserved hypotheticals
Rv1827	110	37	0,620499839 conserved hypotheticals
Rv0738	3	3	0,62647 conserved hypotheticals
Rv2020c	3	3	0,62647 conserved hypotheticals
Rv3850	3	3	0,62647 conserved hypotheticals

Rv3633	19	9	0,628550418 conserved hypotheticals
Rv3205c	74	10	0,63345885 conserved hypotheticals
Rv3527	22	1	0,636710275 conserved hypotheticals
Rv0209	1	2	0,643390112 conserved hypotheticals
Rv0449c	1	2	0,643390112 conserved hypotheticals
Rv0760c	1	2	0,643390112 conserved hypotheticals
Rv0926c	1	2	0,643390112 conserved hypotheticals
Rv1422	1	2	0,643390112 conserved hypotheticals
Rv1732c	1	2	0,643390112 conserved hypotheticals
Rv1778c	1	2	0,643390112 conserved hypotheticals
Rv2044c	1	2	0,643390112 conserved hypotheticals
Rv2680	1	2	0,643390112 conserved hypotheticals
Rv2752c	1	2	0,643390112 conserved hypotheticals
Rv2822c	1	2	0,643390112 conserved hypotheticals
Rv3196A	1	2	0,643390112 conserved hypotheticals
Rv3224B	1	2	0,643390112 conserved hypotheticals
Rv3706c	1	2	0,643390112 conserved hypotheticals
Rv3182	6	4	0,654786705 conserved hypotheticals
Rv1767	39	4	0,699344993 conserved hypotheticals
Rv2676c	12	6	0,764406961 conserved hypotheticals
Rv0743c	11	0	0,766641622 conserved hypotheticals
Rv2472	11	0	0,766641622 conserved hypotheticals
Rv3122	11	0	0,766641622 conserved hypotheticals
Rv2302	18	8	0,771275632 conserved hypotheticals
Rv0276	77	26	0,776722689 conserved hypotheticals
Rv2256c	65	23	0,782530909 conserved hypotheticals
Rv1232c	4	3	0,787843454 conserved hypotheticals
Rv1421	4	3	0,787843454 conserved hypotheticals
Rv2313c	4	3	0,787843454 conserved hypotheticals
Rv2898c	4	3	0,787843454 conserved hypotheticals
Rv3126c	4	3	0,787843454 conserved hypotheticals
Rv3364c	4	3	0,787843454 conserved hypotheticals
Rv3683	4	3	0,787843454 conserved hypotheticals
Rv3766	4	3	0,787843454 conserved hypotheticals

Rv0759c	44	5	0,790083598 conserved hypotheticals
Rv0293c	8	5	0,81076095 conserved hypotheticals
Rv0810c	48	17	0,858459818 conserved hypotheticals
Rv3863	36	4	0,862573575 conserved hypotheticals
Rv0122	9	5	0,879377032 conserved hypotheticals
Rv0108c	23	2	0,879736108 conserved hypotheticals
Rv2632c	36	13	0,879920829 conserved hypotheticals
Rv1598c	22	2	0,883477824 conserved hypotheticals
Rv2369c	22	2	0,883477824 conserved hypotheticals
Rv3172c	22	2	0,883477824 conserved hypotheticals
Rv0311	5	3	0,890066667 conserved hypotheticals
Rv0874c	5	3	0,890066667 conserved hypotheticals
Rv1059	5	3	0,890066667 conserved hypotheticals
Rv1804c	5	3	0,890066667 conserved hypotheticals
Rv1919c	5	3	0,890066667 conserved hypotheticals
Rv2551c	5	3	0,890066667 conserved hypotheticals
Rv3098c	34	13	0,890680717 conserved hypotheticals
Rv0310c	0	1	0,891983427 conserved hypotheticals
Rv0360c	0	1	0,891983427 conserved hypotheticals
Rv0597c	0	1	0,891983427 conserved hypotheticals
Rv0787	0	1	0,891983427 conserved hypotheticals
Rv1179c	0	1	0,891983427 conserved hypotheticals
Rv1290A	0	1	0,891983427 conserved hypotheticals
Rv1513	0	1	0,891983427 conserved hypotheticals
Rv1676	0	1	0,891983427 conserved hypotheticals
Rv1734c	0	1	0,891983427 conserved hypotheticals
Rv2260	0	1	0,891983427 conserved hypotheticals
Rv2451	0	1	0,891983427 conserved hypotheticals
Rv2998A	0	1	0,891983427 conserved hypotheticals
Rv3013	0	1	0,891983427 conserved hypotheticals
Rv3192	0	1	0,891983427 conserved hypotheticals
Rv3446c	0	1	0,891983427 conserved hypotheticals
Rv3492c	0	1	0,891983427 conserved hypotheticals
Rv3702c	0	1	0,891983427 conserved hypotheticals

Rv0004	2	2	0,902076825 conserved hypotheticals
Rv0784	2	2	0,902076825 conserved hypotheticals
Rv0785	2	2	0,902076825 conserved hypotheticals
Rv0911	2	2	0,902076825 conserved hypotheticals
Rv1225c	2	2	0,902076825 conserved hypotheticals
Rv1290c	2	2	0,902076825 conserved hypotheticals
Rv1508A	2	2	0,902076825 conserved hypotheticals
Rv1805c	2	2	0,902076825 conserved hypotheticals
Rv1825	2	2	0,902076825 conserved hypotheticals
Rv2125	2	2	0,902076825 conserved hypotheticals
Rv2325c	2	2	0,902076825 conserved hypotheticals
Rv2413c	2	2	0,902076825 conserved hypotheticals
Rv2414c	2	2	0,902076825 conserved hypotheticals
Rv2522c	2	2	0,902076825 conserved hypotheticals
Rv2532c	2	2	0,902076825 conserved hypotheticals
Rv2689c	2	2	0,902076825 conserved hypotheticals
Rv2695	2	2	0,902076825 conserved hypotheticals
Rv2826c	2	2	0,902076825 conserved hypotheticals
Rv2862c	2	2	0,902076825 conserved hypotheticals
Rv2880c	2	2	0,902076825 conserved hypotheticals
Rv3439c	2	2	0,902076825 conserved hypotheticals
Rv1419	19	8	0,922402053 conserved hypotheticals
Rv0979c	9	0	0,932297131 conserved hypotheticals
Rv1532c	9	0	0,932297131 conserved hypotheticals
Rv1961	9	0	0,932297131 conserved hypotheticals
Rv0836c	10	0	0,942423529 conserved hypotheticals
Rv1597	10	0	0,942423529 conserved hypotheticals
Rv1794	20	8	0,950979338 conserved hypotheticals
Rv1724c	7	0	0,965258939 conserved hypotheticals
Rv2390c	7	0	0,965258939 conserved hypotheticals
Rv2734	7	0	0,965258939 conserved hypotheticals
Rv2808	7	0	0,965258939 conserved hypotheticals
Rv3079c	7	0	0,965258939 conserved hypotheticals
Rv3438	7	0	0,965258939 conserved hypotheticals

Rv1830	14	6	0,966007031 conserved hypotheticals
Rv1813c	23	8	0,971879662 conserved hypotheticals
Rv2556c	23	8	0,971879662 conserved hypotheticals
Rv0298	84	15	0,979761947 conserved hypotheticals
Rv1898	13	5	0,979843859 conserved hypotheticals
Rv2304c	13	6	0,9805796 conserved hypotheticals
Rv0330c	8	0	0,980645136 conserved hypotheticals
Rv1374c	8	0	0,980645136 conserved hypotheticals
Rv1718	8	0	0,980645136 conserved hypotheticals
Rv2705c	8	0	0,980645136 conserved hypotheticals
Rv3222c	55	18	0,980672255 conserved hypotheticals
Rv1914c	8	4	1,000356578 conserved hypotheticals
Rv3678A	8	4	1,000356578 conserved hypotheticals
Rv0611c	44	15	1,011732408 conserved hypotheticals
Rv0695	3	2	1,017645149 conserved hypotheticals
Rv1186c	3	2	1,017645149 conserved hypotheticals
Rv1443c	3	2	1,017645149 conserved hypotheticals
Rv1924c	3	2	1,017645149 conserved hypotheticals
Rv2042c	3	2	1,017645149 conserved hypotheticals
Rv2426c	3	2	1,017645149 conserved hypotheticals
Rv2929	3	2	1,017645149 conserved hypotheticals
Rv3165c	3	2	1,017645149 conserved hypotheticals
Rv3181c	3	2	1,017645149 conserved hypotheticals
Rv3195	3	2	1,017645149 conserved hypotheticals
Rv3626c	3	2	1,017645149 conserved hypotheticals
Rv3627c	3	2	1,017645149 conserved hypotheticals
Rv3785	3	2	1,017645149 conserved hypotheticals
Rv3856c	3	2	1,017645149 conserved hypotheticals
Rv3906c	3	2	1,017645149 conserved hypotheticals
Rv2239c	14	5	1,020149025 conserved hypotheticals
Rv0057	6	3	1,023060102 conserved hypotheticals
Rv0299	6	3	1,023060102 conserved hypotheticals
Rv0345	6	3	1,023060102 conserved hypotheticals
Rv1769	6	3	1,023060102 conserved hypotheticals

Rv2288	6	3	1,023060102 conserved hypotheticals
Rv2411c	6	3	1,023060102 conserved hypotheticals
Rv3424c	6	3	1,023060102 conserved hypotheticals
Rv1331	122	34	1,02324987 conserved hypotheticals
Rv2307A	12	1	1,031469845 conserved hypotheticals
Rv3081	12	1	1,031469845 conserved hypotheticals
Rv2837c	22	7	1,031469845 conserved hypotheticals
Rv0323c	11	1	1,032354536 conserved hypotheticals
Rv0740	11	1	1,032354536 conserved hypotheticals
Rv0857	11	1	1,032354536 conserved hypotheticals
Rv1765c	11	1	1,032354536 conserved hypotheticals
Rv1958c	11	1	1,032354536 conserved hypotheticals
Rv1929c	18	2	1,036154677 conserved hypotheticals
Rv2927c	18	2	1,036154677 conserved hypotheticals
Rv0502	57	9	1,039743796 conserved hypotheticals
Rv2638	13	1	1,045711168 conserved hypotheticals
Rv2022c	37	13	1,049822222 conserved hypotheticals
Rv1828	25	9	1,052021455 conserved hypotheticals
Rv2182c	76	13	1,063159347 conserved hypotheticals
Rv0340	16	6	1,063564022 conserved hypotheticals
Rv2708c	16	6	1,063564022 conserved hypotheticals
Rv3847	16	6	1,063564022 conserved hypotheticals
Rv1904	30	10	1,065552 conserved hypotheticals
Rv0047c	78	13	1,070016682 conserved hypotheticals
Rv2172c	31	4	1,073428571 conserved hypotheticals
Rv0571c	7	3	1,073553923 conserved hypotheticals
Rv1006	7	3	1,073553923 conserved hypotheticals
Rv1546	7	3	1,073553923 conserved hypotheticals
Rv2675c	7	3	1,073553923 conserved hypotheticals
Rv3075c	7	3	1,073553923 conserved hypotheticals
Rv3237c	7	3	1,073553923 conserved hypotheticals
Rv3755c	7	3	1,073553923 conserved hypotheticals
Rv1693	11	4	1,075323219 conserved hypotheticals
Rv2478c	11	4	1,075323219 conserved hypotheticals

Rv2554c	11	4	1,075323219 conserved hypotheticals
Rv1775	21	2	1,077283107 conserved hypotheticals
Rv1287	27	10	1,079263701 conserved hypotheticals
Rv2406c	31	10	1,081092449 conserved hypotheticals
Rv1462	26	8	1,081801222 conserved hypotheticals
Rv1117	63	10	1,087325998 conserved hypotheticals
Rv0207c	9	4	1,090043564 conserved hypotheticals
Rv1159A	9	4	1,090043564 conserved hypotheticals
Rv1770	9	4	1,090043564 conserved hypotheticals
Rv2475c	9	4	1,090043564 conserved hypotheticals
Rv0692	39	13	1,090285405 conserved hypotheticals
Rv0464c	5	0	1,093861497 conserved hypotheticals
Rv1890c	5	0	1,093861497 conserved hypotheticals
Rv2570	5	0	1,093861497 conserved hypotheticals
Rv3403c	5	0	1,093861497 conserved hypotheticals
Rv3404c	5	0	1,093861497 conserved hypotheticals
Rv3521	5	0	1,093861497 conserved hypotheticals
Rv3572	5	0	1,093861497 conserved hypotheticals
Rv0333	17	5	1,099440179 conserved hypotheticals
Rv2466c	55	10	1,104572386 conserved hypotheticals
Rv0060	12	4	1,106640649 conserved hypotheticals
Rv0580c	12	4	1,106640649 conserved hypotheticals
Rv1874	12	4	1,106640649 conserved hypotheticals
Rv3699	12	4	1,106640649 conserved hypotheticals
Rv0470A	6	0	1,107198572 conserved hypotheticals
Rv1116	6	0	1,107198572 conserved hypotheticals
Rv1503c	6	0	1,107198572 conserved hypotheticals
Rv2008c	6	0	1,107198572 conserved hypotheticals
Rv3768	6	0	1,107198572 conserved hypotheticals
Rv0460	32	5	1,107346728 conserved hypotheticals
Rv0543c	19	6	1,108162472 conserved hypotheticals
Rv2901c	19	6	1,108162472 conserved hypotheticals
Rv2842c	47	9	1,112598414 conserved hypotheticals
Rv0690c	10	4	1,115414979 conserved hypotheticals

Rv0775	10	4	1,115414979 conserved hypotheticals
Rv2018	10	4	1,115414979 conserved hypotheticals
Rv0190	49	9	1,11632007 conserved hypotheticals
Rv1906c	24	4	1,12277095 conserved hypotheticals
Rv3749c	25	3	1,123338053 conserved hypotheticals
Rv0826	15	1	1,126699026 conserved hypotheticals
Rv0863	15	1	1,126699026 conserved hypotheticals
Rv2166c	15	1	1,126699026 conserved hypotheticals
Rv3529c	15	1	1,126699026 conserved hypotheticals
Rv0877	34	11	1,1297 conserved hypotheticals
Rv0257	5	2	1,132270883 conserved hypotheticals
Rv0471c	5	2	1,132270883 conserved hypotheticals
Rv0756c	5	2	1,132270883 conserved hypotheticals
Rv0801	5	2	1,132270883 conserved hypotheticals
Rv1063c	5	2	1,132270883 conserved hypotheticals
Rv1748	5	2	1,132270883 conserved hypotheticals
Rv2798c	5	2	1,132270883 conserved hypotheticals
Rv3656c	5	2	1,132270883 conserved hypotheticals
Rv3705c	5	2	1,132270883 conserved hypotheticals
Rv3489	23	7	1,133138026 conserved hypotheticals
Rv1461	35	6	1,142666132 conserved hypotheticals
Rv1883c	16	2	1,143221307 conserved hypotheticals
Rv2016	16	2	1,143221307 conserved hypotheticals
Rv0181c	8	3	1,143564814 conserved hypotheticals
Rv0579	8	3	1,143564814 conserved hypotheticals
Rv2603c	8	3	1,143564814 conserved hypotheticals
Rv3701c	8	3	1,143564814 conserved hypotheticals
Rv0141c	15	2	1,146799395 conserved hypotheticals
Rv2908c	15	2	1,146799395 conserved hypotheticals
Rv3073c	15	2	1,146799395 conserved hypotheticals
Rv1810	33	10	1,15159361 conserved hypotheticals
Rv0185	6	2	1,154704835 conserved hypotheticals
Rv0424c	6	2	1,154704835 conserved hypotheticals
Rv1545	6	2	1,154704835 conserved hypotheticals

Rv1711	6	2	1,154704835 conserved hypotheticals
Rv1893	6	2	1,154704835 conserved hypotheticals
Rv1977	6	2	1,154704835 conserved hypotheticals
Rv2327	6	2	1,154704835 conserved hypotheticals
Rv2774c	6	2	1,154704835 conserved hypotheticals
Rv3226c	6	2	1,154704835 conserved hypotheticals
Rv3312c	6	2	1,154704835 conserved hypotheticals
Rv3369	6	2	1,154704835 conserved hypotheticals
Rv3688c	6	2	1,154704835 conserved hypotheticals
Rv0036c	1	1	1,155519357 conserved hypotheticals
Rv0052	1	1	1,155519357 conserved hypotheticals
Rv0059	1	1	1,155519357 conserved hypotheticals
Rv0163	1	1	1,155519357 conserved hypotheticals
Rv0184	1	1	1,155519357 conserved hypotheticals
Rv0259c	1	1	1,155519357 conserved hypotheticals
Rv0358	1	1	1,155519357 conserved hypotheticals
Rv0525	1	1	1,155519357 conserved hypotheticals
Rv0906	1	1	1,155519357 conserved hypotheticals
Rv0925c	1	1	1,155519357 conserved hypotheticals
Rv1021	1	1	1,155519357 conserved hypotheticals
Rv1062	1	1	1,155519357 conserved hypotheticals
Rv1084	1	1	1,155519357 conserved hypotheticals
Rv1112	1	1	1,155519357 conserved hypotheticals
Rv1191	1	1	1,155519357 conserved hypotheticals
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Rv1215c	1	1	1,155519357 conserved hypotheticals
Rv1276c	1	1	1,155519357 conserved hypotheticals
Rv1278	1	1	1,155519357 conserved hypotheticals
Rv1322	1	1	1,155519357 conserved hypotheticals
Rv1413	1	1	1,155519357 conserved hypotheticals
Rv1504c	1	1	1,155519357 conserved hypotheticals
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Rv1680	1	1	1,155519357 conserved hypotheticals
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Rv1947	1	1	1,155519357 conserved hypotheticals
Rv2003c	1	1	1,155519357 conserved hypotheticals
Rv2067c	1	1	1,155519357 conserved hypotheticals
Rv2083	1	1	1,155519357 conserved hypotheticals
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Rv2257c	1	1	1,155519357 conserved hypotheticals
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Rv2323c	1	1	1,155519357 conserved hypotheticals
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Rv3422c	1	1	1,155519357 conserved hypotheticals
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Rv3662c	1	1	1,155519357 conserved hypotheticals
Rv3691	1	1	1,155519357 conserved hypotheticals

Rv3698	1	1	1,155519357 conserved hypotheticals
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Rv3813c	1	1	1,155519357 conserved hypotheticals
Rv3897c	1	1	1,155519357 conserved hypotheticals
Rv1870c	37	7	1,162033776 conserved hypotheticals
Rv2513	15	5	1,167008184 conserved hypotheticals
Rv2778c	15	5	1,167008184 conserved hypotheticals
Rv0990c	67	18	1,167536842 conserved hypotheticals
Rv0839	19	7	1,16839331 conserved hypotheticals
Rv3780	19	7	1,16839331 conserved hypotheticals
Rv1322A	21	7	1,168514286 conserved hypotheticals
Rv0028	10	1	1,169814587 conserved hypotheticals
Rv1289	10	1	1,169814587 conserved hypotheticals
Rv2561	10	1	1,169814587 conserved hypotheticals
Rv3094c	10	1	1,169814587 conserved hypotheticals
Rv0027	9	1	1,171820425 conserved hypotheticals
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Rv0762c	9	1	1,171820425 conserved hypotheticals
Rv0854	9	1	1,171820425 conserved hypotheticals
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Rv2367c	9	1	1,171820425 conserved hypotheticals
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Rv3566A	9	1	1,171820425 conserved hypotheticals
Rv1875	68	13	1,172078447 conserved hypotheticals
Rv0443	32	6	1,174939457 conserved hypotheticals
Rv0496	9	3	1,175481928 conserved hypotheticals
Rv0811c	9	3	1,175481928 conserved hypotheticals
Rv0910	9	3	1,175481928 conserved hypotheticals
Rv1171	9	3	1,175481928 conserved hypotheticals
Rv3678c	9	3	1,175481928 conserved hypotheticals

Rv3719	9	3	1,175481928 conserved hypotheticals
Rv3412	40	8	1,177342641 conserved hypotheticals
Rv0164	2	1	1,177742083 conserved hypotheticals
Rv0264c	2	1	1,177742083 conserved hypotheticals
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Rv2562	2	1	1,177742083 conserved hypotheticals
Rv2712c	2	1	1,177742083 conserved hypotheticals

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Rv0831c	7	2	1,179167167 conserved hypotheticals
Rv0998	7	2	1,179167167 conserved hypotheticals
Rv1192	7	2	1,179167167 conserved hypotheticals
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Rv2314c	7	2	1,179167167 conserved hypotheticals
Rv2923c	7	2	1,179167167 conserved hypotheticals
Rv3038c	7	2	1,179167167 conserved hypotheticals
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Rv2148c	3	1	1,180692338 conserved hypotheticals
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Rv3129	3	0	1,56554878 conserved hypotheticals
Rv3178	0	0	1,56554878 conserved hypotheticals
Rv3196	0	0	1,56554878 conserved hypotheticals
Rv3209	4	0	1,56554878 conserved hypotheticals
Rv3218	0	0	1,56554878 conserved hypotheticals
Rv3235	0	0	1,56554878 conserved hypotheticals
Rv3259	1	0	1,56554878 conserved hypotheticals
Rv3267	4	0	1,56554878 conserved hypotheticals
Rv3292	1	0	1,56554878 conserved hypotheticals
Rv3294c	0	0	1,56554878 conserved hypotheticals
Rv3300c	2	0	1,56554878 conserved hypotheticals
Rv3333c	1	0	1,56554878 conserved hypotheticals
Rv3351c	2	0	1,56554878 conserved hypotheticals
Rv3354	2	0	1,56554878 conserved hypotheticals
Rv3361c	0	0	1,56554878 conserved hypotheticals
Rv3394c	0	0	1,56554878 conserved hypotheticals
Rv3395c	2	0	1,56554878 conserved hypotheticals
Rv3421c	1	0	1,56554878 conserved hypotheticals
Rv3433c	0	0	1,56554878 conserved hypotheticals
Rv3440c	4	0	1,56554878 conserved hypotheticals

Rv3471c	2	0	1,56554878 conserved hypotheticals	
Rv3486	2	0	1,56554878 conserved hypotheticals	
Rv3488	1	0	1,56554878 conserved hypotheticals	
Rv3493c	1	0	1,56554878 conserved hypotheticals	
Rv3510c	0	0	1,56554878 conserved hypotheticals	
Rv3517	3	0	1,56554878 conserved hypotheticals	
Rv3542c	3	0	1,56554878 conserved hypotheticals	
Rv3577	2	0	1,56554878 conserved hypotheticals	
Rv3586	0	0	1,56554878 conserved hypotheticals	
Rv3639c	1	0	1,56554878 conserved hypotheticals	
Rv3643	0	0	1,56554878 conserved hypotheticals	
Rv3659c	1	0	1,56554878 conserved hypotheticals	
Rv3714c	0	0	1,56554878 conserved hypotheticals	
Rv3717	1	0	1,56554878 conserved hypotheticals	
Rv3718c	3	0	1,56554878 conserved hypotheticals	
Rv3748	3	0	1,56554878 conserved hypotheticals	
Rv3776	2	0	1,56554878 conserved hypotheticals	
Rv3786c	1	0	1,56554878 conserved hypotheticals	
Rv3796	1	0	1,56554878 conserved hypotheticals	
Rv3818	2	0	1,56554878 conserved hypotheticals	
Rv3819	2	0	1,56554878 conserved hypotheticals	
Rv3831	3	0	1,56554878 conserved hypotheticals	
Rv3832c	4	0	1,56554878 conserved hypotheticals	
Rv3839	2	0	1,56554878 conserved hypotheticals	
Rv3845	1	0	1,56554878 conserved hypotheticals	
Rv3861	1	0	1,56554878 conserved hypotheticals	
Rv3899c	2	0	1,56554878 conserved hypotheticals	
Rv3903c	4	0	1,56554878 conserved hypotheticals	
Rv3912	0	0	1,56554878 conserved hypotheticals	
Rv4011	8	7	0,174733036	NA
Rv4001	48	20	0,375136227	NA
Rv4004	4	4	0,413484436	NA
Rv4012	9	5	0,879377032	NA
Rv4005	40	6	0,947047444	NA

Rv4002	8	3	1,143564814	NA
Rv4007	15	2	1,146799395	NA
Rv4010	13	3	1,56554878	NA
Rv4006	0	0	1,56554878	NA
Rv4008	1	0	1,56554878	NA
Rv4009	2	0	1,56554878	NA
Rv4013	0	0	1,56554878	NA

NA: Non annotated

Convention Description

DE (reads) Read count mapping to sense strand of gene - Dextrose exponential
FE (reads) Read count mapping to sense strand of gene - Fatty Acids exponential

Upper part: TRUE significant
Lower part: FALSE significant

Table S1C. DEGseq Test in Exponential Phase of Growth

Gene Names	DE (reads)	FE (reads)	log2 (Fold_change)	log2 (Fold_change) normalized	z-score	p-value	q-value (1)	q-value (2)	Signature (p-value < 0,001)
Rv0001	525	44	3,576741994	1,577580212	10,657616	1,61E-26	1,91E-25	4,34E-26	TRUE
Rv0002	1175	123	3,255930536	1,256768754	13,429623	4,05E-41	7,96E-40	1,81E-40	TRUE
Rv0006	3223	722	2,158333446	0,159171664	3,4093735	0,0006511	0,001470806	0,00033375	TRUE
Rv0007	697	225	1,631233655	-0,367928127	-4,012763	6,00E-05	0,000157059	3,56E-05	TRUE
Rv0009	661	60	3,461615866	1,462454084	11,309616	1,18E-29	1,60E-28	3,64E-29	TRUE
Rv0010c	258	27	3,256339753	1,257177971	6,293484	3,10E-10	1,47E-09	3,34E-10	TRUE
Rv0011c	236	33	2,83824893	0,839087148	4,3192988	1,57E-05	4,45E-05	1,01E-05	TRUE
Rv0014c	969	81	3,580502853	1,581341071	14,505258	1,12E-47	2,62E-46	5,94E-47	TRUE
Rv0015c	845	135	2,645991934	0,646830152	6,5147834	7,28E-11	3,63E-10	8,25E-11	TRUE
Rv0016c	512	73	2,810175441	0,811013659	6,179486	6,43E-10	2,97E-09	6,73E-10	TRUE
Rv0017c	705	93	2,922320636	0,923158854	8,0953592	5,71E-16	4,00E-15	9,08E-16	TRUE
Rv0018c	938	125	2,907659828	0,908498046	9,2133058	3,16E-20	2,77E-19	6,29E-20	TRUE
Rv0020c	1877	284	2,724465815	0,725304033	10,743011	6,39E-27	7,73E-26	1,75E-26	TRUE
Rv0021c	189	24	2,977279923	0,978118142	4,3984944	1,09E-05	3,16E-05	7,18E-06	TRUE
Rv0024	140	18	2,959358016	0,960196234	3,7277803	0,0001932	0,000474099	0,00010758	TRUE
Rv0025	117	10	3,548436625	1,549274843	4,964907	6,87E-07	2,28E-06	5,16E-07	TRUE
Rv0030	228	14	4,025535092	2,02637331	8,3459722	7,06E-17	5,10E-16	1,16E-16	TRUE
Rv0039c	91	89	0,032061209	-1,967100573	-10,2255	1,52E-24	1,71E-23	3,88E-24	TRUE
Rv0040c	738	91	3,019682366	1,020520584	9,003029	2,20E-19	1,85E-18	4,21E-19	TRUE
Rv0041	907	116	2,966977745	0,967815964	9,5525179	1,27E-21	1,18E-20	2,68E-21	TRUE
Rv0043c	160	115	0,476438044	-1,522723738	-9,718229	2,52E-22	2,46E-21	5,59E-22	TRUE
Rv0046c	436	168	1,375866902	-0,62329488	-5,619372	1,92E-08	7,66E-08	1,74E-08	TRUE
Rv0047c	216	28	2,94753258	0,948370798	4,5827714	4,59E-06	1,39E-05	3,16E-06	TRUE
Rv0048c	228	12	4,247927513	2,248765732	8,9117695	5,02E-19	4,08E-18	9,27E-19	TRUE
Rv0050	1478	220	2,748070841	0,748909059	9,8022018	1,10E-22	1,11E-21	2,51E-22	TRUE

Rv0053	246	34	2,855051664	0,855889882	4,4850976	7,29E-06	2,16E-05	4,89E-06	TRUE
Rv0054	437	72	2,601564468	0,602402686	4,3965536	1,10E-05	3,19E-05	7,24E-06	TRUE
Rv0055	585	43	3,76602806	1,766866278	12,193463	3,37E-34	5,36E-33	1,22E-33	TRUE
Rv0056	1281	147	3,123382416	1,124220634	12,83525	1,04E-37	1,84E-36	4,18E-37	TRUE
Rv0058	1173	511	1,198807817	-0,800353965	-12,20768	2,83E-34	4,53E-33	1,03E-33	TRUE
Rv0060	957	106	3,17445466	1,175292878	11,49497	1,40E-30	1,99E-29	4,52E-30	TRUE
Rv0062	264	41	2,686842115	0,687680333	3,8435912	0,0001212	0,000303233	6,88E-05	TRUE
Rv0066c	812	159	2,352452962	0,35329118	3,6701903	0,0002424	0,000588613	0,00013357	TRUE
Rv0070c	84	9	3,222392421	1,223230639	3,5145789	0,0004405	0,001026983	0,00023297	TRUE
Rv0072	795	109	2,866626725	0,867464944	8,1564578	3,45E-16	2,43E-15	5,51E-16	TRUE
Rv0074	493	173	1,510815609	-0,488346173	-4,573532	4,80E-06	1,45E-05	3,29E-06	TRUE
Rv0076c	31	1	4,95419631	2,955034529	3,8206038	0,0001331	0,000331573	7,52E-05	TRUE
Rv0078	82	3	4,772589504	2,773427722	6,0184156	1,76E-09	7,86E-09	1,78E-09	TRUE
Rv0078A	479	57	3,070991832	1,07183005	7,5500091	4,35E-14	2,71E-13	6,14E-14	TRUE
Rv0078B	1464	229	2,67649605	0,677334268	8,9334593	4,13E-19	3,37E-18	7,65E-19	TRUE
Rv0079	864	1054	-0,286771649	-2,285933431	-38,71405	0	0	0	TRUE
Rv0080	363	143	1,343954401	-0,655207381	-5,419685	5,97E-08	2,25E-07	5,11E-08	TRUE
Rv0081	277	24	3,528779665	1,529617883	7,5683938	3,78E-14	2,37E-13	5,39E-14	TRUE
Rv0082	177	16	3,46760555	1,468443768	5,8697765	4,36E-09	1,85E-08	4,21E-09	TRUE
Rv0087	150	20	2,906890596	0,907728814	3,6811012	0,0002322	0,000565202	0,00012822	TRUE
Rv0091	117	3	5,285402219	3,286240437	7,7939645	6,49E-15	4,24E-14	9,62E-15	TRUE
Rv0096	172	4	5,426264755	3,427102973	9,617417	6,75E-22	6,45E-21	1,46E-21	TRUE
Rv0097	154	11	3,807354922	1,80819314	6,3563981	2,07E-10	9,93E-10	2,25E-10	TRUE
Rv0098	240	7	5,099535674	3,100373892	10,876252	1,50E-27	1,87E-26	4,24E-27	TRUE
Rv0099	514	84	2,613307126	0,614145345	4,8513361	1,23E-06	4,00E-06	9,09E-07	TRUE
Rv0101	1834	291	2,655902581	0,656740799	9,7303278	2,24E-22	2,19E-21	4,97E-22	TRUE
Rv0103c	1411	225	2,648721081	0,649559299	8,4511297	2,88E-17	2,13E-16	4,84E-17	TRUE
Rv0107c	911	343	1,409242478	-0,589919304	-7,644748	2,09E-14	1,33E-13	3,03E-14	TRUE
Rv0108c	549	81	2,760812336	0,761650554	6,0610864	1,35E-09	6,09E-09	1,38E-09	TRUE
Rv0112	289	19	3,926998169	1,927836387	9,0934607	9,59E-20	8,26E-19	1,87E-19	TRUE
Rv0113	217	8	4,761551232	2,762389451	9,7703559	1,51E-22	1,50E-21	3,40E-22	TRUE
Rv0114	149	71	1,069421401	-0,929740381	-5,166854	2,38E-07	8,43E-07	1,91E-07	TRUE
Rv0115	127	62	1,034488376	-0,964673405	-4,979422	6,38E-07	2,12E-06	4,81E-07	TRUE
Rv0116c	252	20	3,655351829	1,656190047	7,6465087	2,07E-14	1,32E-13	2,99E-14	TRUE
Rv0118c	250	174	0,522840789	-1,476320993	-11,68377	1,54E-31	2,24E-30	5,08E-31	TRUE
Rv0120c	348	165	1,076621282	-0,9225405	-7,825981	5,04E-15	3,33E-14	7,56E-15	TRUE
Rv0125	510	94	2,439764585	0,440602803	3,5727625	0,0003532	0,00084128	0,0001909	TRUE

Rv0126	654	72	3,183221824	1,184060042	9,5583557	1,20E-21	1,12E-20	2,55E-21	TRUE
Rv0127	525	90	2,544320516	0,545158734	4,4045893	1,06E-05	3,08E-05	6,98E-06	TRUE
Rv0129c	1659	212	2,968177716	0,969015935	12,934584	2,87E-38	5,24E-37	1,19E-37	TRUE
Rv0133	178	80	1,153805336	-0,845356446	-5,060283	4,19E-07	1,44E-06	3,26E-07	TRUE
Rv0134	744	245	1,602520872	-0,39664091	-4,491761	7,06E-06	2,09E-05	4,75E-06	TRUE
Rv0139	225	82	1,456229187	-0,542932595	-3,467421	0,0005255	0,001212688	0,0002751	TRUE
Rv0141c	289	45	2,683072586	0,683910804	4,0020564	6,28E-05	0,000164014	3,72E-05	TRUE
Rv0143c	297	155	0,938194716	-1,060967066	-8,516384	1,65E-17	1,24E-16	2,81E-17	TRUE
Rv0144	1021	397	1,362771954	-0,636389828	-8,801652	1,35E-18	1,06E-17	2,41E-18	TRUE
Rv0145	1094	623	0,81230867	-1,186853112	-18,69423	5,52E-78	2,47E-76	5,61E-77	TRUE
Rv0146	179	73	1,293991218	-0,705170563	-4,131373	3,61E-05	9,79E-05	2,22E-05	TRUE
Rv0147	895	121	2,886880635	0,887718853	8,8254627	1,09E-18	8,76E-18	1,99E-18	TRUE
Rv0148	502	84	2,579226131	0,580064349	4,5551314	5,24E-06	1,58E-05	3,58E-06	TRUE
Rv0155	472	76	2,634715536	0,635553754	4,7930966	1,64E-06	5,29E-06	1,20E-06	TRUE
Rv0156	61	1	5,930737338	3,931575556	6,020446	1,74E-09	7,78E-09	1,76E-09	TRUE
Rv0157	627	119	2,397503869	0,398342088	3,6079106	0,0003087	0,000740514	0,00016804	TRUE
Rv0158	361	27	3,740967525	1,741805743	9,4835246	2,46E-21	2,28E-20	5,16E-21	TRUE
Rv0159c	64	1	6	4,000838218	6,2004843	5,63E-10	2,61E-09	5,92E-10	TRUE
Rv0162c	108	45	1,263034406	-0,736127376	-3,367884	0,0007575	0,001685938	0,00038257	TRUE
Rv0164	283	29	3,286677248	1,287515466	6,7150437	1,88E-11	9,83E-11	2,23E-11	TRUE
Rv0165c	210	29	2,856264523	0,857102741	4,1489132	3,34E-05	9,11E-05	2,07E-05	TRUE
Rv0167	1089	198	2,459431619	0,460269837	5,4360014	5,45E-08	2,06E-07	4,68E-08	TRUE
Rv0168	858	139	2,625892765	0,626730983	6,382939	1,74E-10	8,45E-10	1,92E-10	TRUE
Rv0169	1530	188	3,024727086	1,025565304	13,017795	9,69E-39	1,79E-37	4,07E-38	TRUE
Rv0170	2116	275	2,943836104	0,944674322	14,302524	2,11E-46	4,76E-45	1,08E-45	TRUE
Rv0171	2019	319	2,662012582	0,6628508	10,293805	7,51E-25	8,52E-24	1,93E-24	TRUE
Rv0172	1747	211	3,049564704	1,050402922	14,186631	1,11E-45	2,44E-44	5,54E-45	TRUE
Rv0173	1947	421	2,209360746	0,210198964	3,4673425	0,0005256	0,001212334	0,0002751	TRUE
Rv0174	3351	561	2,578519011	0,579357229	11,763906	5,99E-32	8,88E-31	2,01E-31	TRUE
Rv0175	1101	540	1,027783157	-0,971378625	-14,78612	1,80E-49	4,55E-48	1,03E-48	TRUE
Rv0177	1095	137	2,998683072	0,99952129	10,780781	4,24E-27	5,18E-26	1,18E-26	TRUE
Rv0179c	420	24	4,129283017	2,130121235	11,695591	1,34E-31	1,96E-30	4,45E-31	TRUE
Rv0180c	249	29	3,102020937	1,102859155	5,570809	2,54E-08	1,00E-07	2,27E-08	TRUE
Rv0186A	540	338	0,675936161	-1,323225621	-14,98981	8,56E-51	2,24E-49	5,07E-50	TRUE
Rv0188	230	31	2,891293741	0,892131959	4,4921084	7,05E-06	2,09E-05	4,75E-06	TRUE
Rv0190	462	317	0,543410011	-1,455751771	-15,60759	6,46E-55	1,87E-53	4,25E-54	TRUE
Rv0194	59	3	4,297680549	2,298518767	4,5938025	4,35E-06	1,33E-05	3,01E-06	TRUE

Rv0196	76	4	4,247927513	2,248765732	5,1451092	2,67E-07	9,41E-07	2,13E-07	TRUE
Rv0197	179	10	4,161887682	2,1627259	7,7081995	1,28E-14	8,24E-14	1,87E-14	TRUE
Rv0198c	901	112	3,008028374	1,008866592	9,8543169	6,57E-23	6,66E-22	1,51E-22	TRUE
Rv0202c	1264	378	1,741538324	-0,257623458	-3,71275	0,000205	0,000502234	0,00011397	TRUE
Rv0204c	298	42	2,826851098	0,827689316	4,7972168	1,61E-06	5,20E-06	1,18E-06	TRUE
Rv0205	292	46	2,666262603	0,667100821	3,935349	8,31E-05	0,000213732	4,85E-05	TRUE
Rv0206c	2391	817	1,549206147	-0,449955635	-9,2246	2,85E-20	2,51E-19	5,69E-20	TRUE
Rv0210	147	63	1,222392421	-0,776769361	-4,175498	2,97E-05	8,14E-05	1,85E-05	TRUE
Rv0211	1965	653	1,589374416	-0,409787366	-7,562033	3,97E-14	2,49E-13	5,65E-14	TRUE
Rv0212c	131	16	3,033423002	1,03426122	3,8345741	0,0001258	0,000314176	7,13E-05	TRUE
Rv0213c	66	6	3,459431619	1,460269837	3,5693531	0,0003579	0,000851019	0,00019305	TRUE
Rv0220	786	467	0,751106763	-1,248055019	-16,83828	1,28E-63	4,46E-62	1,01E-62	TRUE
Rv0223c	132	68	0,956931278	-1,042230504	-5,558861	2,72E-08	1,07E-07	2,43E-08	TRUE
Rv0227c	1025	120	3,094517599	1,095355817	11,242085	2,53E-29	3,39E-28	7,69E-29	TRUE
Rv0229c	94	6	3,969626351	1,970464569	5,2616502	1,43E-07	5,18E-07	1,17E-07	TRUE
Rv0232	340	54	2,654503434	0,655341652	4,1802038	2,91E-05	7,98E-05	1,81E-05	TRUE
Rv0235c	538	59	3,188819313	1,189657531	8,7016721	3,27E-18	2,56E-17	5,81E-18	TRUE
Rv0236A	379	43	3,139789283	1,140627502	7,0620422	1,64E-12	9,34E-12	2,12E-12	TRUE
Rv0238	251	31	3,017347244	1,018185462	5,24005	1,61E-07	5,79E-07	1,31E-07	TRUE
Rv0240	122	8	3,930737338	1,931575556	5,915747	3,30E-09	1,43E-08	3,24E-09	TRUE
Rv0241c	522	210	1,313660479	-0,685501303	-6,835829	8,15E-12	4,38E-11	9,94E-12	TRUE
Rv0242c	1238	438	1,49900854	-0,500153242	-7,439841	1,01E-13	6,13E-13	1,39E-13	TRUE
Rv0243	1657	612	1,436970045	-0,562191737	-9,780984	1,36E-22	1,35E-21	3,07E-22	TRUE
Rv0244c	494	85	2,538976295	0,539814514	4,2345757	2,29E-05	6,38E-05	1,45E-05	TRUE
Rv0245	208	16	3,700439718	1,701277936	7,0804874	1,44E-12	8,19E-12	1,86E-12	TRUE
Rv0249c	1700	133	3,676036596	1,676874814	20,041137	2,41E-89	1,25E-87	2,84E-88	TRUE
Rv0252	198	220	-0,152003093	-2,151164875	-17,03043	4,88E-65	1,74E-63	3,94E-64	TRUE
Rv0254c	41	42	-0,034765418	-2,0339272	-7,179293	7,01E-13	4,07E-12	9,24E-13	TRUE
Rv0255c	189	89	1,086508993	-0,912652789	-5,695457	1,23E-08	5,03E-08	1,14E-08	TRUE
Rv0256c	171	25	2,773996325	0,774834543	3,4331042	0,0005967	0,001358012	0,00030816	TRUE
Rv0261c	21	0	5,392317423	3,393155641	3,3467983	0,0008175	0,001810866	0,0004108	TRUE
Rv0265c	361	45	3,004001931	1,004840149	6,2163636	5,09E-10	2,37E-09	5,38E-10	TRUE
Rv0269c	156	20	2,963474124	0,964312342	3,9490985	7,84E-05	0,000202349	4,59E-05	TRUE
Rv0270	1027	386	1,411763429	-0,587398353	-8,078994	6,53E-16	4,55E-15	1,03E-15	TRUE
Rv0271c	498	64	2,960001932	0,96084015	7,0351887	1,99E-12	1,13E-11	2,56E-12	TRUE
Rv0273c	101	5	4,336283388	2,337121606	6,0706808	1,27E-09	5,75E-09	1,31E-09	TRUE
Rv0274	425	16	4,731319031	2,732157249	13,595061	4,28E-42	8,66E-41	1,97E-41	TRUE

Rv0275c	183	17	3,428236997	1,429075215	5,8481926	4,97E-09	2,10E-08	4,77E-09	TRUE
Rv0276	1482	176	3,073898114	1,074736332	13,312129	1,97E-40	3,77E-39	8,55E-40	TRUE
Rv0277c	359	26	3,787400316	1,788238534	9,6315057	5,89E-22	5,63E-21	1,28E-21	TRUE
Rv0280	1935	108	4,163230349	2,164068567	25,359412	7,08E-142	6,64E-140	1,51E-140	TRUE
Rv0281	1376	137	3,328232672	1,32907089	15,17816	4,93E-52	1,35E-50	3,07E-51	TRUE
Rv0282	6139	1138	2,431503112	0,43234133	12,197655	3,20E-34	5,11E-33	1,16E-33	TRUE
Rv0284	5029	798	2,655810902	0,65664912	16,122548	1,77E-58	5,46E-57	1,24E-57	TRUE
Rv0285	357	188	0,925191412	-1,07397037	-9,473081	2,72E-21	2,50E-20	5,67E-21	TRUE
Rv0286	2983	464	2,684567267	0,685405485	12,890282	5,11E-38	9,19E-37	2,09E-37	TRUE
Rv0288	1350	187	2,851849232	0,85268745	10,475796	1,12E-25	1,30E-24	2,95E-25	TRUE
Rv0289	2152	649	1,729387695	-0,269774087	-5,085051	3,68E-07	1,27E-06	2,88E-07	TRUE
Rv0290	1012	630	0,683785556	-1,315376226	-20,37547	2,76E-92	1,53E-90	3,48E-91	TRUE
Rv0291	730	608	0,26382514	-1,735336642	-24,55187	4,13E-133	3,47E-131	7,86E-132	TRUE
Rv0293c	673	64	3,394462695	1,395300913	11,015296	3,22E-28	4,12E-27	9,34E-28	TRUE
Rv0295c	155	22	2,816692787	0,817531005	3,4232219	0,0006188	0,001404307	0,00031866	TRUE
Rv0296c	210	11	4,254813899	2,255652117	8,5686965	1,05E-17	7,95E-17	1,80E-17	TRUE
Rv0297	235	115	1,031026896	-0,968134886	-6,802147	1,03E-11	5,48E-11	1,24E-11	TRUE
Rv0299	165	23	2,842760258	0,843598476	3,628121	0,0002855	0,00068783	0,00015608	TRUE
Rv0301	251	40	2,649615459	0,650453677	3,5678163	0,00036	0,000855251	0,00019407	TRUE
Rv0309	1260	193	2,706750981	0,707589199	8,6122007	7,17E-18	5,50E-17	1,25E-17	TRUE
Rv0311	143	12	3,574908836	1,575747054	5,5571716	2,74E-08	1,08E-07	2,45E-08	TRUE
Rv0312	1000	105	3,251538767	1,252376985	12,354952	4,58E-35	7,53E-34	1,71E-34	TRUE
Rv0314c	397	35	3,50371218	1,504550398	8,9511428	3,52E-19	2,90E-18	6,59E-19	TRUE
Rv0315	555	57	3,283453947	1,284292165	9,3859428	6,24E-21	5,63E-20	1,28E-20	TRUE
Rv0320	68	2	5,087462841	3,088301059	5,7787632	7,53E-09	3,14E-08	7,13E-09	TRUE
Rv0321	89	5	4,153805336	2,154643554	5,4224847	5,88E-08	2,22E-07	5,04E-08	TRUE
Rv0323c	44	25	0,815575429	-1,183586353	-3,734944	0,0001878	0,000461093	0,00010463	TRUE
Rv0336	454	175	1,375337375	-0,623824406	-5,739631	9,49E-09	3,93E-08	8,91E-09	TRUE
Rv0337c	450	29	3,955800196	1,956638414	11,459598	2,10E-30	2,98E-29	6,75E-30	TRUE
Rv0338c	2660	356	2,901477099	0,902315318	15,43165	1,00E-53	2,87E-52	6,50E-53	TRUE
Rv0339c	224	11	4,347923303	2,348761522	9,0675329	1,22E-19	1,04E-18	2,36E-19	TRUE
Rv0341	2547	1538	0,727743456	-1,271418326	-31,0283	2,24E-211	3,84E-209	8,71E-210	TRUE
Rv0343	252	165	0,610957709	-1,388204073	-10,86308	1,73E-27	2,14E-26	4,86E-27	TRUE
Rv0344c	78	3	4,700439718	2,701277936	5,7890152	7,08E-09	2,97E-08	6,75E-09	TRUE
Rv0346c	919	295	1,639349907	-0,359811875	-4,500054	6,79E-06	2,02E-05	4,58E-06	TRUE
Rv0349	88	10	3,137503524	1,138341742	3,3972568	0,0006807	0,001530494	0,0003473	TRUE
Rv0350	2250	202	3,477497803	1,478336021	21,040348	2,80E-98	1,65E-96	3,74E-97	TRUE

Rv0351	790	76	3,37778133	1,378619548	11,826154	2,86E-32	4,27E-31	9,69E-32	TRUE
Rv0352	1170	230	2,346802764	0,347640982	4,3397707	1,43E-05	4,08E-05	9,25E-06	TRUE
Rv0353	343	37	3,212611401	1,213449619	7,0575101	1,70E-12	9,63E-12	2,19E-12	TRUE
Rv0355c	523	57	3,197777122	1,19861534	8,6306753	6,10E-18	4,72E-17	1,07E-17	TRUE
Rv0363c	890	150	2,568842835	0,569681053	5,9678941	2,40E-09	1,06E-08	2,40E-09	TRUE
Rv0364	366	184	0,992137882	-1,0070239	-8,890108	6,10E-19	4,95E-18	1,12E-18	TRUE
Rv0365c	152	15	3,341036918	1,341875136	5,0808384	3,76E-07	1,30E-06	2,94E-07	TRUE
Rv0373c	82	92	-0,166009951	-2,165171733	-11,05712	2,02E-28	2,60E-27	5,90E-28	TRUE
Rv0379	656	72	3,187627003	1,188465221	9,6012448	7,90E-22	7,49E-21	1,70E-21	TRUE
Rv0383c	736	356	1,047828525	-0,951333257	-11,79697	4,05E-32	6,02E-31	1,37E-31	TRUE
Rv0385	27	23	0,231325546	-1,767836236	-4,835582	1,33E-06	4,32E-06	9,81E-07	TRUE
Rv0386	236	34	2,795180208	0,796018426	4,1282965	3,65E-05	9,91E-05	2,25E-05	TRUE
Rv0389	128	65	0,977632187	-1,021529595	-5,34604	8,99E-08	3,35E-07	7,60E-08	TRUE
Rv0392c	189	14	3,754887502	1,75572572	6,899929	5,20E-12	2,83E-11	6,43E-12	TRUE
Rv0394c	143	18	2,989946335	0,990784553	3,8669778	0,0001102	0,000277699	6,30E-05	TRUE
Rv0400c	253	91	1,475198934	-0,523962847	-3,536768	0,0004051	0,000950916	0,00021574	TRUE
Rv0402c	295	47	2,649982293	0,650820511	3,8698869	0,0001089	0,000274933	6,24E-05	TRUE
Rv0404	312	35	3,156119202	1,15695742	6,4807728	9,13E-11	4,52E-10	1,03E-10	TRUE
Rv0405	1919	339	2,500997533	0,501835751	7,8128536	5,59E-15	3,66E-14	8,30E-15	TRUE
Rv0407	158	20	2,981852653	0,982690871	4,037201	5,41E-05	0,000142228	3,23E-05	TRUE
Rv0410c	708	66	3,423211431	1,424049649	11,473637	1,79E-30	2,54E-29	5,76E-30	TRUE
Rv0412c	402	39	3,365649472	1,36648769	8,3789062	5,34E-17	3,90E-16	8,85E-17	TRUE
Rv0418	665	62	3,42301422	1,423852438	11,118514	1,02E-28	1,33E-27	3,01E-28	TRUE
Rv0423c	1467	269	2,447190793	0,448029011	6,1551199	7,50E-10	3,46E-09	7,84E-10	TRUE
Rv0425c	1305	453	1,526466851	-0,47269493	-7,185022	6,72E-13	3,91E-12	8,87E-13	TRUE
Rv0429c	82	9	3,187627003	1,188465221	3,3941809	0,0006883	0,001543828	0,00035022	TRUE
Rv0430	896	56	4	2,000838218	16,410418	1,61E-60	5,21E-59	1,18E-59	TRUE
Rv0434	175	67	1,385121921	-0,614039861	-3,501301	0,000463	0,00107731	0,00024446	TRUE
Rv0435c	328	142	1,207804885	-0,791356897	-6,370808	1,88E-10	9,09E-10	2,06E-10	TRUE
Rv0437c	77	36	1,096861539	-0,902300243	-3,587486	0,0003339	0,000797596	0,00018099	TRUE
Rv0439c	103	9	3,516575526	1,517413744	4,5878498	4,48E-06	1,36E-05	3,09E-06	TRUE
Rv0440	952	170	2,485426827	0,486265045	5,3453085	9,03E-08	3,36E-07	7,62E-08	TRUE
Rv0443	2117	283	2,903147311	0,903985529	13,786676	3,07E-43	6,47E-42	1,47E-42	TRUE
Rv0444c	422	72	2,551174187	0,552012405	3,9937539	6,50E-05	0,00016953	3,85E-05	TRUE
Rv0445c	373	44	3,083600202	1,08443842	6,7259702	1,74E-11	9,17E-11	2,08E-11	TRUE
Rv0447c	295	42	2,812253721	0,81309194	4,7007045	2,59E-06	8,14E-06	1,85E-06	TRUE
Rv0450c	898	78	3,525169416	1,526007634	13,604834	3,75E-42	7,62E-41	1,73E-41	TRUE

Rv0451c	101	2	5,658211483	3,659049701	7,5585298	4,08E-14	2,55E-13	5,79E-14	TRUE
Rv0452	74	4	4,209453366	2,210291584	5,0234771	5,07E-07	1,71E-06	3,89E-07	TRUE
Rv0453	31	0	5,95419631	3,955034529	4,2999342	1,71E-05	4,82E-05	1,09E-05	TRUE
Rv0455c	1036	129	3,005581032	1,00641925	10,545942	5,30E-26	6,21E-25	1,41E-25	TRUE
Rv0458	384	136	1,497499659	-0,501662122	-4,155886	3,24E-05	8,85E-05	2,01E-05	TRUE
Rv0459	207	101	1,035275475	-0,963886307	-6,351299	2,14E-10	1,02E-09	2,32E-10	TRUE
Rv0461	365	53	2,783832199	0,784670417	5,0709797	3,96E-07	1,36E-06	3,09E-07	TRUE
Rv0462	1523	176	3,113268608	1,114106826	13,894314	6,86E-44	1,46E-42	3,32E-43	TRUE
Rv0466	563	57	3,304101098	1,304939316	9,5710274	1,06E-21	9,99E-21	2,27E-21	TRUE
Rv0467	809	430	0,911803043	-1,087358739	-14,47446	1,76E-47	4,05E-46	9,20E-47	TRUE
Rv0468	906	175	2,372156128	0,372994346	4,0791628	4,52E-05	0,000120203	2,73E-05	TRUE
Rv0469	1280	181	2,822082208	0,822920426	9,8952782	4,36E-23	4,48E-22	1,02E-22	TRUE
Rv0470A	92	53	0,795641501	-1,20352028	-5,510797	3,57E-08	1,38E-07	3,14E-08	TRUE
Rv0472c	505	74	2,770686212	0,77152443	5,8783634	4,14E-09	1,77E-08	4,01E-09	TRUE
Rv0474	303	41	2,885621979	0,886460197	5,1282757	2,92E-07	1,02E-06	2,32E-07	TRUE
Rv0475	591	247	1,258647089	-0,740514693	-7,932827	2,14E-15	1,45E-14	3,30E-15	TRUE
Rv0479c	701	90	2,961417538	0,962255756	8,3573983	6,41E-17	4,67E-16	1,06E-16	TRUE
Rv0482	113	48	1,235216462	-0,76394532	-3,592429	0,0003276	0,000783561	0,00017776	TRUE
Rv0483	903	180	2,326729081	0,327567299	3,6046996	0,0003125	0,000749274	0,00017002	TRUE
Rv0484c	187	25	2,90303827	0,903876488	4,0954273	4,21E-05	0,000112944	2,56E-05	TRUE
Rv0485	824	696	0,243557031	-1,755604751	-26,48366	1,50E-154	1,59E-152	3,62E-153	TRUE
Rv0486	619	266	1,218513164	-0,780648618	-8,618423	6,79E-18	5,22E-17	1,18E-17	TRUE
Rv0487	430	59	2,8655498	0,866388018	5,9918374	2,07E-09	9,16E-09	2,08E-09	TRUE
Rv0489	271	34	2,9946862	0,995524418	5,3446048	9,06E-08	3,37E-07	7,64E-08	TRUE
Rv0490	1410	191	2,884050619	0,884888837	11,048652	2,23E-28	2,85E-27	6,47E-28	TRUE
Rv0492c	44	32	0,459431619	-1,539730163	-5,168116	2,36E-07	8,38E-07	1,90E-07	TRUE
Rv0493c	53	4	3,727920455	1,728758673	3,6145114	0,0003009	0,000723663	0,00016421	TRUE
Rv0495c	358	58	2,625834782	0,626673	4,1222317	3,75E-05	0,000101257	2,30E-05	TRUE
Rv0496	850	155	2,455194626	0,456032844	4,7615922	1,92E-06	6,12E-06	1,39E-06	TRUE
Rv0497	376	39	3,269186633	1,270024851	7,6583153	1,88E-14	1,20E-13	2,73E-14	TRUE
Rv0498	83	51	0,702614089	-1,296547693	-5,730526	1,00E-08	4,12E-08	9,35E-09	TRUE
Rv0500A	848	94	3,173331603	1,174169821	10,812101	3,02E-27	3,70E-26	8,38E-27	TRUE
Rv0500B	329	34	3,274480932	1,275319151	7,186901	6,63E-13	3,87E-12	8,77E-13	TRUE
Rv0501	2015	381	2,402916936	0,403755154	6,551865	5,68E-11	2,86E-10	6,49E-11	TRUE
Rv0502	2398	439	2,449538814	0,450377032	7,9093177	2,59E-15	1,75E-14	3,98E-15	TRUE
Rv0503c	1246	93	3,743929542	1,74476776	17,642115	1,17E-69	4,39E-68	9,97E-69	TRUE
Rv0505c	396	53	2,901436166	0,902274384	5,9510726	2,66E-09	1,17E-08	2,65E-09	TRUE

Rv0506	443	44	3,33173127	1,332569488	8,6281266	6,24E-18	4,80E-17	1,09E-17	TRUE
Rv0507	530	37	3,840395184	1,841233402	11,939631	7,35E-33	1,13E-31	2,56E-32	TRUE
Rv0508	178	127	0,487048744	-1,512113038	-10,16027	2,98E-24	3,30E-23	7,50E-24	TRUE
Rv0509	1869	1591	0,232332733	-1,766829048	-40,24146	0	0	0	TRUE
Rv0510	2833	1162	1,285720533	-0,713441249	-16,66876	2,21E-62	7,45E-61	1,69E-61	TRUE
Rv0511	2246	766	1,55194163	-0,447220151	-8,881512	6,60E-19	5,34E-18	1,21E-18	TRUE
Rv0512	1122	378	1,569614536	-0,429547245	-6,008591	1,87E-09	8,29E-09	1,88E-09	TRUE
Rv0514	95	41	1,212303604	-0,786858178	-3,406172	0,0006588	0,001487312	0,0003375	TRUE
Rv0517	513	69	2,894290559	0,895128777	6,7282453	1,72E-11	9,04E-11	2,05E-11	TRUE
Rv0518	303	43	2,816909229	0,817747447	4,7874378	1,69E-06	5,42E-06	1,23E-06	TRUE
Rv0525	249	103	1,273501405	-0,725660377	-5,032227	4,85E-07	1,65E-06	3,74E-07	TRUE
Rv0526	285	165	0,788495895	-1,210665887	-9,769861	1,52E-22	1,50E-21	3,41E-22	TRUE
Rv0527	353	130	1,44115656	-0,558005222	-4,475576	7,62E-06	2,25E-05	5,10E-06	TRUE
Rv0529	315	46	2,775646062	0,77648428	4,6682864	3,04E-06	9,48E-06	2,15E-06	TRUE
Rv0530	589	86	2,775859069	0,776697287	6,3854152	1,71E-10	8,33E-10	1,89E-10	TRUE
Rv0530A	370	51	2,858956119	0,859794337	5,5220399	3,35E-08	1,31E-07	2,97E-08	TRUE
Rv0537c	276	37	2,899071091	0,899909309	4,957119	7,15E-07	2,37E-06	5,37E-07	TRUE
Rv0542c	358	58	2,625834782	0,626673	4,1222317	3,75E-05	0,000101257	2,30E-05	TRUE
Rv0544c	229	20	3,517275693	1,518113911	6,8432953	7,74E-12	4,17E-11	9,46E-12	TRUE
Rv0545c	1075	409	1,394163912	-0,60499787	-8,539458	1,35E-17	1,02E-16	2,32E-17	TRUE
Rv0546c	159	13	3,612443237	1,613281455	5,9605215	2,51E-09	1,10E-08	2,51E-09	TRUE
Rv0547c	166	22	2,915607813	0,916446031	3,903753	9,47E-05	0,00024092	5,47E-05	TRUE
Rv0549c	83	9	3,20511443	1,205952648	3,4545769	0,0005512	0,001261981	0,00028628	TRUE
Rv0552	114	53	1,10496956	-0,894192222	-4,319894	1,56E-05	4,45E-05	1,01E-05	TRUE
Rv0554	87	93	-0,096215315	-2,095377097	-10,88962	1,29E-27	1,62E-26	3,67E-27	TRUE
Rv0558	555	97	2,516431119	0,517269337	4,3178602	1,58E-05	4,48E-05	1,02E-05	TRUE
Rv0559c	356	44	3,016301812	1,01714003	6,2354147	4,51E-10	2,11E-09	4,78E-10	TRUE
Rv0560c	93	44	1,079727192	-0,919434589	-4,029474	5,59E-05	0,000146789	3,33E-05	TRUE
Rv0562	578	105	2,460680165	0,461518383	3,9696986	7,20E-05	0,000186727	4,24E-05	TRUE
Rv0563	969	149	2,701184335	0,702022553	7,499827	6,39E-14	3,93E-13	8,91E-14	TRUE
Rv0564c	114	10	3,510961919	1,511800137	4,8134522	1,48E-06	4,82E-06	1,09E-06	TRUE
Rv0565c	136	5	4,765534746	2,766372964	7,7405551	9,90E-15	6,42E-14	1,46E-14	TRUE
Rv0567	554	70	2,984459149	0,985297367	7,5769802	3,54E-14	2,22E-13	5,05E-14	TRUE
Rv0568	733	130	2,495301575	0,496139793	4,7771704	1,78E-06	5,70E-06	1,29E-06	TRUE
Rv0569	910	807	0,173297872	-1,82586391	-29,30145	9,94E-189	1,57E-186	3,56E-187	TRUE
Rv0570	596	233	1,354982376	-0,644179406	-6,815194	9,41E-12	5,03E-11	1,14E-11	TRUE
Rv0572c	209	11	4,247927513	2,248765732	8,5323483	1,43E-17	1,08E-16	2,46E-17	TRUE

Rv0577	476	57	3,061927749	1,062765967	7,4744099	7,76E-14	4,75E-13	1,08E-13	TRUE
Rv0578c	703	336	1,065063456	-0,934098326	-11,28666	1,53E-29	2,06E-28	4,68E-29	TRUE
Rv0581	82	9	3,187627003	1,188465221	3,3941809	0,0006883	0,001543828	0,00035022	TRUE
Rv0582	84	9	3,222392421	1,223230639	3,5145789	0,0004405	0,001026983	0,00023297	TRUE
Rv0584	135	17	2,989352756	0,990190974	3,7553831	0,0001731	0,000426101	9,67E-05	TRUE
Rv0586	409	52	2,975517315	0,976355533	6,4610597	1,04E-10	5,12E-10	1,16E-10	TRUE
Rv0588	486	62	2,970616193	0,971454411	7,0137528	2,32E-12	1,30E-11	2,96E-12	TRUE
Rv0589	308	30	3,359895945	1,360734163	7,3104304	2,66E-13	1,59E-12	3,61E-13	TRUE
Rv0590	188	13	3,854149134	1,854987352	7,1467114	8,89E-13	5,15E-12	1,17E-12	TRUE
Rv0594	99	6	4,044394119	2,045232337	5,5325199	3,16E-08	1,24E-07	2,81E-08	TRUE
Rv0597c	267	44	2,601264313	0,602102531	3,4349164	0,0005927	0,001349742	0,00030628	TRUE
Rv0599c	280	23	3,605721061	1,606559279	7,8861661	3,12E-15	2,10E-14	4,76E-15	TRUE
Rv0605	447	256	0,804131021	-1,195030761	-12,04559	2,05E-33	3,20E-32	7,27E-33	TRUE
Rv0608	339	31	3,450945153	1,451783371	8,0546269	7,97E-16	5,53E-15	1,25E-15	TRUE
Rv0613c	606	257	1,237549434	-0,761612348	-8,292047	1,11E-16	7,98E-16	1,81E-16	TRUE
Rv0615	136	18	2,91753784	0,918376058	3,5396751	0,0004006	0,000941063	0,00021355	TRUE
Rv0617	66	36	0,874469118	-1,124692664	-4,302643	1,69E-05	4,77E-05	1,08E-05	TRUE
Rv0627	86	9	3,256339753	1,257177971	3,6334282	0,0002797	0,00067548	0,00015328	TRUE
Rv0628c	188	79	1,250808104	-0,748353678	-4,527008	5,98E-06	1,79E-05	4,06E-06	TRUE
Rv0629c	189	256	-0,437757576	-2,436919358	-19,80611	2,64E-87	1,35E-85	3,06E-86	TRUE
Rv0630c	111	50	1,150559677	-0,848602105	-4,013503	5,98E-05	0,000156671	3,56E-05	TRUE
Rv0632c	885	140	2,660250628	0,661088846	6,7974078	1,07E-11	5,65E-11	1,28E-11	TRUE
Rv0633c	187	22	3,087462841	1,088301059	4,7759392	1,79E-06	5,72E-06	1,30E-06	TRUE
Rv0634B	1816	56	5,019193565	3,020031783	29,555946	5,51E-192	9,05E-190	2,05E-190	TRUE
Rv0635	1091	99	3,462078766	1,462916984	14,534313	7,34E-48	1,73E-46	3,94E-47	TRUE
Rv0636	1517	219	2,792218311	0,793056529	10,435984	1,70E-25	1,96E-24	4,46E-25	TRUE
Rv0637	902	98	3,202273779	1,203111997	11,368841	5,98E-30	8,27E-29	1,88E-29	TRUE
Rv0638	1129	497	1,183727729	-0,815434053	-12,23394	2,05E-34	3,32E-33	7,54E-34	TRUE
Rv0640	1112	133	3,063658637	1,064496855	11,440824	2,61E-30	3,67E-29	8,33E-30	TRUE
Rv0642c	944	167	2,498938757	0,499776975	5,4578966	4,82E-08	1,84E-07	4,17E-08	TRUE
Rv0643c	608	99	2,618570893	0,619409111	5,3168116	1,06E-07	3,88E-07	8,80E-08	TRUE
Rv0644c	544	45	3,595609745	1,596447963	10,942697	7,20E-28	9,05E-27	2,05E-27	TRUE
Rv0645c	368	52	2,823122238	0,823960456	5,3104507	1,09E-07	4,00E-07	9,09E-08	TRUE
Rv0651	338	57	2,567989422	0,56882764	3,6723234	0,0002404	0,00058408	0,00013254	TRUE
Rv0652	207	156	0,408084739	-1,591077043	-11,68793	1,47E-31	2,14E-30	4,85E-31	TRUE
Rv0655	3866	776	2,31671308	0,317551298	7,248631	4,21E-13	2,47E-12	5,62E-13	TRUE
Rv0659c	1574	143	3,460348489	1,461186707	17,443644	3,85E-68	1,41E-66	3,19E-67	TRUE

Rv0660c	616	88	2,807354922	0,80819314	6,7579794	1,40E-11	7,39E-11	1,68E-11	TRUE
Rv0661c	2	11	-2,459431619	-4,458593401	-5,290934	1,22E-07	4,44E-07	1,01E-07	TRUE
Rv0663	475	67	2,825694513	0,826532731	6,0495686	1,45E-09	6,52E-09	1,48E-09	TRUE
Rv0664	99	7	3,822001698	1,822839916	5,1246717	2,98E-07	1,04E-06	2,36E-07	TRUE
Rv0665	78	2	5,285402219	3,286240437	6,3637225	1,97E-10	9,48E-10	2,15E-10	TRUE
Rv0667	8551	1922	2,15348481	0,154323028	5,3965615	6,79E-08	2,55E-07	5,79E-08	TRUE
Rv0668	5144	1701	1,596507502	-0,40265428	-12,01994	2,79E-33	4,35E-32	9,88E-33	TRUE
Rv0669c	289	26	3,474485964	1,475324182	7,5266993	5,20E-14	3,22E-13	7,30E-14	TRUE
Rv0670	411	64	2,682994584	0,683832802	4,7722542	1,82E-06	5,82E-06	1,32E-06	TRUE
Rv0672	523	249	1,070665204	-0,928496578	-9,666594	4,18E-22	4,04E-21	9,17E-22	TRUE
Rv0673	103	54	0,931613025	-1,067548757	-5,051749	4,38E-07	1,49E-06	3,39E-07	TRUE
Rv0675	53	27	0,973032952	-1,026128829	-3,45819	0,0005438	0,001246261	0,0002828	TRUE
Rv0677c	100	65	0,621488377	-1,377673405	-6,778325	1,22E-11	6,44E-11	1,46E-11	TRUE
Rv0678	218	79	1,464403577	-0,534758205	-3,356903	0,0007882	0,001750389	0,0003972	TRUE
Rv0679c	83	40	1,053111336	-0,946050445	-3,934965	8,32E-05	0,000213935	4,85E-05	TRUE
Rv0681	125	58	1,10780329	-0,891358492	-4,506982	6,58E-06	1,96E-05	4,44E-06	TRUE
Rv0682	1057	366	1,530059823	-0,469101959	-6,412679	1,43E-10	7,00E-10	1,59E-10	TRUE
Rv0683	1244	222	2,486354904	0,487193122	6,1214397	9,27E-10	4,22E-09	9,58E-10	TRUE
Rv0684	6412	1367	2,229761183	0,230599401	6,8868077	5,71E-12	3,10E-11	7,03E-12	TRUE
Rv0685	5206	824	2,659459069	0,660297287	16,485175	4,69E-61	1,53E-59	3,47E-60	TRUE
Rv0686	377	34	3,470957872	1,47179609	8,58141	9,37E-18	7,16E-17	1,63E-17	TRUE
Rv0687	231	21	3,459431619	1,460269837	6,6778395	2,42E-11	1,26E-10	2,86E-11	TRUE
Rv0688	382	44	3,117997209	1,118835428	6,9808012	2,94E-12	1,64E-11	3,72E-12	TRUE
Rv0691A	327	341	-0,060481104	-2,059642885	-20,62665	1,58E-94	8,92E-93	2,02E-93	TRUE
Rv0692	375	496	-0,403449525	-2,402611307	-27,34622	1,20E-164	1,43E-162	3,25E-163	TRUE
Rv0693	1023	1996	-0,964305576	-2,963467357	-61,43197	0	0	0	TRUE
Rv0694	1083	480	1,173926932	-0,82523485	-12,14655	5,98E-34	9,44E-33	2,14E-33	TRUE
Rv0695	153	78	0,971985624	-1,027176158	-5,882967	4,03E-09	1,72E-08	3,91E-09	TRUE
Rv0696	620	423	0,551610552	-1,44755123	-17,95447	4,43E-72	1,71E-70	3,88E-71	TRUE
Rv0697	224	257	-0,198269627	-2,197431409	-18,65298	1,19E-77	5,23E-76	1,19E-76	TRUE
Rv0700	2479	317	2,967203526	0,968041744	15,800741	3,07E-56	9,19E-55	2,08E-55	TRUE
Rv0701	2508	544	2,204858792	0,20569701	3,8546017	0,0001159	0,000291198	6,61E-05	TRUE
Rv0703	1968	317	2,634175475	0,635013693	9,7831659	1,33E-22	1,33E-21	3,01E-22	TRUE
Rv0704	2973	391	2,926678951	0,927517169	16,697917	1,36E-62	4,65E-61	1,06E-61	TRUE
Rv0705	1403	199	2,817674673	0,818512891	10,312478	6,19E-25	7,03E-24	1,60E-24	TRUE
Rv0707	2310	340	2,7642862	0,765124418	12,486886	8,80E-36	1,48E-34	3,37E-35	TRUE
Rv0708	2088	278	2,908964924	0,909803142	13,766055	4,08E-43	8,56E-42	1,94E-42	TRUE

Rv0709	2002	412	2,280725732	0,28156395	4,6518129	3,29E-06	1,02E-05	2,32E-06	TRUE
Rv0710	1586	307	2,36908221	0,369920428	5,3563741	8,49E-08	3,17E-07	7,19E-08	TRUE
Rv0713	369	22	4,068045387	2,068883606	10,760897	5,27E-27	6,41E-26	1,45E-26	TRUE
Rv0714	1337	83	4,009744319	2,010582537	20,111072	5,90E-90	3,15E-88	7,14E-89	TRUE
Rv0715	981	104	3,237669608	1,238507826	12,130588	7,27E-34	1,14E-32	2,59E-33	TRUE
Rv0716	713	225	1,663977075	-0,335184707	-3,676461	0,0002365	0,000575045	0,00013049	TRUE
Rv0717	1338	203	2,720526483	0,721364702	9,0261163	1,78E-19	1,51E-18	3,42E-19	TRUE
Rv0719	1853	362	2,355801279	0,356639497	5,5951016	2,20E-08	8,78E-08	1,99E-08	TRUE
Rv0721	2405	786	1,613435676	-0,385726105	-7,843053	4,40E-15	2,92E-14	6,62E-15	TRUE
Rv0722	1218	148	3,040845052	1,04168327	11,763777	6,00E-32	8,86E-31	2,01E-31	TRUE
Rv0723	2461	325	2,920733035	0,921571253	15,108768	1,42E-51	3,83E-50	8,69E-51	TRUE
Rv0724	1677	543	1,626858586	-0,372303196	-6,305164	2,88E-10	1,37E-09	3,10E-10	TRUE
Rv0726c	235	33	2,832122827	0,832961045	4,2832142	1,84E-05	5,17E-05	1,17E-05	TRUE
Rv0730	363	122	1,5730884	-0,426073381	-3,387125	0,0007063	0,001579145	0,00035834	TRUE
Rv0731c	50	0	6,64385619	4,644694408	5,6907699	1,26E-08	5,16E-08	1,17E-08	TRUE
Rv0732	1278	169	2,918792685	0,919630903	10,865803	1,68E-27	2,09E-26	4,74E-27	TRUE
Rv0733	934	165	2,500956525	0,501794744	5,44891	5,07E-08	1,92E-07	4,37E-08	TRUE
Rv0749	93	6	3,95419631	1,955034529	5,2065077	1,92E-07	6,86E-07	1,56E-07	TRUE
Rv0751c	104	44	1,2410081	-0,758153682	-3,416829	0,0006335	0,001435221	0,00032568	TRUE
Rv0752c	258	42	2,618909833	0,619748051	3,4648631	0,0005305	0,001219999	0,00027645	TRUE
Rv0755c	628	98	2,679910905	0,680749123	5,8758837	4,21E-09	1,79E-08	4,07E-09	TRUE
Rv0757	835	118	2,822989338	0,823827556	7,9989793	1,25E-15	8,65E-15	1,96E-15	TRUE
Rv0758	538	98	2,456752518	0,457590737	3,7998318	0,0001448	0,000359163	8,15E-05	TRUE
Rv0759c	227	36	2,656623486	0,657461704	3,4253329	0,000614	0,00139585	0,00031675	TRUE
Rv0761c	749	246	1,606307403	-0,392854379	-4,460883	8,16E-06	2,39E-05	5,43E-06	TRUE
Rv0762c	69	5	3,786596362	1,78743458	4,221018	2,43E-05	6,75E-05	1,53E-05	TRUE
Rv0764c	176	82	1,101879614	-0,897282168	-5,389126	7,08E-08	2,66E-07	6,03E-08	TRUE
Rv0766c	80	3	4,736965594	2,737803812	5,9045477	3,54E-09	1,52E-08	3,45E-09	TRUE
Rv0768	60	31	0,952694285	-1,046467497	-3,765671	0,0001661	0,000409186	9,29E-05	TRUE
Rv0775	157	75	1,065802058	-0,933359723	-5,327753	9,94E-08	3,67E-07	8,32E-08	TRUE
Rv0778	446	64	2,8008999	0,801738118	5,7105919	1,13E-08	4,63E-08	1,05E-08	TRUE
Rv0781	349	31	3,492886916	1,493725134	8,3477822	6,96E-17	5,03E-16	1,14E-16	TRUE
Rv0783c	305	36	3,082740431	1,083578649	6,0780582	1,22E-09	5,51E-09	1,25E-09	TRUE
Rv0788	408	55	2,891065628	0,891903847	5,9818958	2,21E-09	9,73E-09	2,21E-09	TRUE
Rv0789c	49	0	6,614709844	4,615548062	5,6265692	1,84E-08	7,36E-08	1,67E-08	TRUE
Rv0792c	93	7	3,731803889	1,732642107	4,7955466	1,62E-06	5,24E-06	1,19E-06	TRUE
Rv0794c	121	83	0,543823806	-1,455337976	-7,983299	1,42E-15	9,79E-15	2,22E-15	TRUE

Rv0798c	250	26	3,265344567	1,266182785	6,2297775	4,67E-10	2,18E-09	4,95E-10	TRUE
Rv0799c	355	17	4,384212373	2,385050591	11,518979	1,06E-30	1,51E-29	3,43E-30	TRUE
Rv0802c	72	0	7,169925001	5,17076322	6,9399989	3,92E-12	2,16E-11	4,90E-12	TRUE
Rv0803	533	190	1,488136114	-0,511025667	-4,995974	5,85E-07	1,96E-06	4,44E-07	TRUE
Rv0804	100	74	0,434402824	-1,564758958	-7,952515	1,83E-15	1,24E-14	2,82E-15	TRUE
Rv0805	1192	166	2,844129089	0,844967307	9,7673081	1,56E-22	1,53E-21	3,48E-22	TRUE
Rv0807	14	15	-0,099535674	-2,098697455	-4,377598	1,20E-05	3,47E-05	7,86E-06	TRUE
Rv0808	1102	887	0,313118214	-1,686043568	-29,06499	9,95E-186	1,51E-183	3,43E-184	TRUE
Rv0809	640	339	0,916786632	-1,08237515	-12,80315	1,57E-37	2,76E-36	6,26E-37	TRUE
Rv0810c	439	55	2,996717416	0,997555634	6,81413	9,48E-12	5,05E-11	1,15E-11	TRUE
Rv0820	288	43	2,743660247	0,744498465	4,3036258	1,68E-05	4,75E-05	1,08E-05	TRUE
Rv0822c	470	86	2,450252192	0,45109041	3,5050207	0,0004566	0,001062998	0,00024121	TRUE
Rv0831c	944	93	3,343484238	1,344322456	12,68145	7,49E-37	1,31E-35	2,97E-36	TRUE
Rv0838	134	13	3,365649472	1,36648769	4,8373312	1,32E-06	4,29E-06	9,73E-07	TRUE
Rv0839	239	30	2,993976212	0,99481443	5,0161518	5,27E-07	1,77E-06	4,03E-07	TRUE
Rv0840c	67	5	3,744161096	1,744999314	4,0906156	4,30E-05	0,000115117	2,61E-05	TRUE
Rv0842	110	11	3,321928095	1,322766313	4,2747999	1,91E-05	5,36E-05	1,22E-05	TRUE
Rv0845	198	15	3,722466024	1,723304243	6,9709557	3,15E-12	1,75E-11	3,97E-12	TRUE
Rv0847	309	106	1,543542573	-0,455619209	-3,358853	0,0007827	0,001739064	0,00039463	TRUE
Rv0849	289	49	2,560215838	0,561054057	3,3537878	0,0007971	0,001768223	0,00040124	TRUE
Rv0850	28	19	0,559427409	-1,439734373	-3,78873	0,0001514	0,000375124	8,51E-05	TRUE
Rv0857	151	21	2,846087317	0,846925535	3,4824589	0,0004968	0,001151972	0,0002614	TRUE
Rv0860	2561	949	1,432227261	-0,566934521	-12,27636	1,21E-34	1,99E-33	4,51E-34	TRUE
Rv0862c	216	29	2,896906507	0,897744725	4,3763618	1,21E-05	3,48E-05	7,90E-06	TRUE
Rv0863	387	45	3,10433666	1,105174878	6,957008	3,48E-12	1,92E-11	4,35E-12	TRUE
Rv0864	808	120	2,751320887	0,752159105	7,2738339	3,49E-13	2,07E-12	4,69E-13	TRUE
Rv0866	280	213	0,394573397	-1,604588385	-13,74158	5,72E-43	1,19E-41	2,69E-42	TRUE
Rv0867c	360	32	3,491853096	1,492691314	8,4739831	2,37E-17	1,76E-16	4,00E-17	TRUE
Rv0869c	134	98	0,451379346	-1,547782436	-9,079228	1,09E-19	9,38E-19	2,13E-19	TRUE
Rv0872c	939	284	1,725234228	-0,273927554	-3,411839	0,0006453	0,00145924	0,00033113	TRUE
Rv0877	936	298	1,651196199	-0,347965583	-4,382976	1,17E-05	3,39E-05	7,69E-06	TRUE
Rv0880	80	2	5,321928095	3,322766313	6,4753103	9,46E-11	4,68E-10	1,06E-10	TRUE
Rv0883c	360	56	2,684498174	0,685336392	4,4749642	7,64E-06	2,25E-05	5,12E-06	TRUE
Rv0891c	192	26	2,884522783	0,885361001	4,0778789	4,54E-05	0,000120787	2,74E-05	TRUE
Rv0892	195	21	3,215012891	1,215851109	5,3295127	9,85E-08	3,64E-07	8,26E-08	TRUE
Rv0894	32	1	5	3,000838218	3,9107416	9,20E-05	0,000234887	5,33E-05	TRUE
Rv0896	2575	827	1,638613198	-0,360548584	-7,553137	4,25E-14	2,65E-13	6,01E-14	TRUE

Rv0901	104	11	3,2410081	1,241846318	3,9574045	7,58E-05	0,000195955	4,45E-05	TRUE
Rv0902c	183	12	3,930737338	1,931575556	7,245346	4,31E-13	2,53E-12	5,74E-13	TRUE
Rv0903c	788	88	3,162620201	1,163458419	10,346574	4,34E-25	4,97E-24	1,13E-24	TRUE
Rv0908	507	85	2,576451001	0,577289219	4,5580566	5,16E-06	1,56E-05	3,54E-06	TRUE
Rv0913c	444	69	2,68589141	0,686729628	4,9786913	6,40E-07	2,13E-06	4,82E-07	TRUE
Rv0914c	290	101	1,521697607	-0,477464175	-3,422875	0,0006196	0,001405291	0,00031889	TRUE
Rv0917	268	27	3,311201688	1,312039906	6,6308711	3,34E-11	1,71E-10	3,88E-11	TRUE
Rv0919	67	1	6,06608919	4,066927409	6,375508	1,82E-10	8,84E-10	2,00E-10	TRUE
Rv0920c	166	24	2,790076931	0,790915149	3,4431278	0,000575	0,001312447	0,00029782	TRUE
Rv0923c	107	12	3,156504486	1,157342704	3,796119	0,000147	0,000364353	8,27E-05	TRUE
Rv0925c	155	14	3,468769483	1,469607701	5,4961127	3,88E-08	1,50E-07	3,39E-08	TRUE
Rv0928	300	21	3,836501268	1,837339486	8,9695782	2,98E-19	2,47E-18	5,61E-19	TRUE
Rv0930	113	12	3,235216462	1,23605468	4,1099775	3,96E-05	0,000106455	2,42E-05	TRUE
Rv0932c	2537	504	2,331627881	0,332466099	6,1297916	8,80E-10	4,03E-09	9,14E-10	TRUE
Rv0933	469	67	2,807354922	0,80819314	5,8965642	3,71E-09	1,60E-08	3,62E-09	TRUE
Rv0935	1094	399	1,455152087	-0,544009695	-7,664734	1,79E-14	1,15E-13	2,60E-14	TRUE
Rv0936	592	224	1,402098444	-0,597063338	-6,244268	4,26E-10	2,00E-09	4,53E-10	TRUE
Rv0937c	244	36	2,760812336	0,761650554	4,0404516	5,33E-05	0,000140458	3,19E-05	TRUE
Rv0939	967	325	1,573076172	-0,42608561	-5,529581	3,21E-08	1,25E-07	2,85E-08	TRUE
Rv0941c	170	14	3,602036014	1,602874232	6,1345613	8,54E-10	3,91E-09	8,88E-10	TRUE
Rv0943c	6	8	-0,415037499	-2,414199281	-3,481872	0,0004979	0,001153821	0,00026182	TRUE
Rv0948c	155	19	3,028196892	1,02903511	4,1537726	3,27E-05	8,93E-05	2,03E-05	TRUE
Rv0950c	850	70	3,602036014	1,602874232	13,718838	7,83E-43	1,62E-41	3,67E-42	TRUE
Rv0951	1647	138	3,577100383	1,577938601	18,883398	1,56E-79	7,16E-78	1,63E-78	TRUE
Rv0952	585	93	2,653134003	0,653972221	5,473372	4,42E-08	1,69E-07	3,84E-08	TRUE
Rv0954	1570	284	2,466801724	0,467639942	6,6238544	3,50E-11	1,79E-10	4,06E-11	TRUE
Rv0955	693	253	1,453717967	-0,545443814	-6,117103	9,53E-10	4,33E-09	9,83E-10	TRUE
Rv0958	350	119	1,556393349	-0,442768433	-3,466244	0,0005278	0,001216589	0,00027598	TRUE
Rv0959	233	92	1,340624189	-0,658537593	-4,366473	1,26E-05	3,64E-05	8,25E-06	TRUE
Rv0960	66	34	0,956931278	-1,042230504	-3,930601	8,47E-05	0,000217289	4,93E-05	TRUE
Rv0966c	294	23	3,676110389	1,676948607	8,332719	7,90E-17	5,69E-16	1,29E-16	TRUE
Rv0968	467	165	1,500956525	-0,498205256	-4,548891	5,39E-06	1,62E-05	3,68E-06	TRUE
Rv0969	490	216	1,181750437	-0,817411345	-8,080014	6,48E-16	4,53E-15	1,03E-15	TRUE
Rv0970	335	51	2,715591943	0,716430161	4,4883625	7,18E-06	2,13E-05	4,82E-06	TRUE
Rv0971c	34	21	0,695145418	-1,304016363	-3,693532	0,0002212	0,000540097	0,00012256	TRUE
Rv0972c	138	59	1,225881407	-0,773280374	-4,025038	5,70E-05	0,000149385	3,39E-05	TRUE
Rv0973c	98	46	1,091147888	-0,908013894	-4,076927	4,56E-05	0,00012112	2,75E-05	TRUE

Rv0981	395	275	0,522421035	-1,476740747	-14,69254	7,20E-49	1,77E-47	4,03E-48	TRUE
Rv0983	1391	266	2,386624269	0,387462487	5,2379536	1,62E-07	5,85E-07	1,33E-07	TRUE
Rv0985c	69	1	6,108524457	4,109362675	6,4895779	8,61E-11	4,27E-10	9,69E-11	TRUE
Rv0987	357	41	3,122228259	1,123066478	6,7690289	1,30E-11	6,85E-11	1,56E-11	TRUE
Rv0989c	106	0	7,727920455	5,728758673	8,4695228	2,46E-17	1,83E-16	4,15E-17	TRUE
Rv0990c	67	1	6,06608919	4,066927409	6,375508	1,82E-10	8,84E-10	2,00E-10	TRUE
Rv0991c	250	11	4,506352666	2,507190884	9,948585	2,56E-23	2,67E-22	6,06E-23	TRUE
Rv0994	866	494	0,809855983	-1,189305799	-16,67232	2,08E-62	7,08E-61	1,61E-61	TRUE
Rv0995	223	121	0,882036663	-1,117125119	-7,845906	4,30E-15	2,86E-14	6,50E-15	TRUE
Rv0996	1420	145	3,291766124	1,292604342	15,091098	1,85E-51	4,97E-50	1,13E-50	TRUE
Rv1001	284	36	2,979822118	0,980660336	5,4035196	6,53E-08	2,46E-07	5,58E-08	TRUE
Rv1006	1430	689	1,053439259	-0,945722523	-16,33535	5,53E-60	1,77E-58	4,02E-59	TRUE
Rv1007c	371	56	2,727920455	0,728758673	4,7944401	1,63E-06	5,26E-06	1,19E-06	TRUE
Rv1010	338	48	2,815916936	0,816755154	5,0511568	4,39E-07	1,50E-06	3,40E-07	TRUE
Rv1011	103	7	3,879145605	1,879983823	5,3379226	9,40E-08	3,49E-07	7,91E-08	TRUE
Rv1013	377	220	0,777061	-1,222100782	-11,36574	6,19E-30	8,54E-29	1,94E-29	TRUE
Rv1014c	84	6	3,807354922	1,80819314	4,6944605	2,67E-06	8,37E-06	1,90E-06	TRUE
Rv1015c	510	34	3,906890596	1,907728814	11,996083	3,73E-33	5,78E-32	1,31E-32	TRUE
Rv1016c	290	35	3,050626073	1,051464291	5,7831421	7,33E-09	3,07E-08	6,97E-09	TRUE
Rv1017c	701	63	3,475990711	1,476828929	11,73208	8,73E-32	1,28E-30	2,90E-31	TRUE
Rv1018c	561	86	2,705592206	0,706430424	5,7374285	9,61E-09	3,97E-08	9,00E-09	TRUE
Rv1022	90	10	3,169925001	1,17076322	3,5137012	0,0004419	0,001029469	0,00023361	TRUE
Rv1027c	37	2	4,209453366	2,210291584	3,5521171	0,0003821	0,000903584	0,00020492	TRUE
Rv1032c	129	82	0,653675251	-1,345486531	-7,477107	7,60E-14	4,66E-13	1,06E-13	TRUE
Rv1033c	303	31	3,288977673	1,289815891	6,9579398	3,45E-12	1,91E-11	4,33E-12	TRUE
Rv1036c	250	5	5,64385619	3,644694408	11,874767	1,60E-32	2,42E-31	5,49E-32	TRUE
Rv1041c	352	51	2,787006277	0,787844495	4,9972359	5,82E-07	1,95E-06	4,42E-07	TRUE
Rv1042c	145	18	3,009984089	1,010822307	3,9589074	7,53E-05	0,000194982	4,42E-05	TRUE
Rv1043c	238	19	3,64689025	1,647728468	7,4039372	1,32E-13	7,98E-13	1,81E-13	TRUE
Rv1045	36	28	0,362570079	-1,636591702	-5,052904	4,35E-07	1,49E-06	3,37E-07	TRUE
Rv1046c	926	75	3,626049693	1,626887911	14,473356	1,79E-47	4,09E-46	9,29E-47	TRUE
Rv1052	123	11	3,483082887	1,483921105	4,9314211	8,16E-07	2,69E-06	6,11E-07	TRUE
Rv1055	130	17	2,934904972	0,93574319	3,5155569	0,0004388	0,001024419	0,00023239	TRUE
Rv1056	74	4	4,209453366	2,210291584	5,0234771	5,07E-07	1,71E-06	3,89E-07	TRUE
Rv1057	55	215	-1,966833136	-3,965994918	-22,66247	1,05E-113	7,27E-112	1,65E-112	TRUE
Rv1059	300	49	2,614108846	0,614947064	3,7104366	0,0002069	0,000506531	0,00011494	TRUE
Rv1060	275	43	2,677023054	0,677861272	3,873432	0,0001073	0,00027131	6,16E-05	TRUE

Rv1061	114	9	3,662965013	1,663803231	5,1596999	2,47E-07	8,72E-07	1,98E-07	TRUE
Rv1063c	173	114	0,601738213	-1,397423568	-9,074622	1,14E-19	9,76E-19	2,21E-19	TRUE
Rv1065	407	363	0,165059246	-1,834102536	-19,7071	1,87E-86	9,36E-85	2,12E-85	TRUE
Rv1066	96	254	-1,403722186	-3,402883968	-23,30183	4,25E-120	3,10E-118	7,04E-119	TRUE
Rv1069c	236	35	2,753360032	0,754198251	3,9398609	8,15E-05	0,000209889	4,76E-05	TRUE
Rv1070c	287	44	2,705475308	0,706313526	4,1028619	4,08E-05	0,00010956	2,49E-05	TRUE
Rv1071c	241	24	3,327926836	1,328765054	6,3496811	2,16E-10	1,03E-09	2,34E-10	TRUE
Rv1072	4260	1264	1,752856967	-0,246304815	-6,509847	7,52E-11	3,75E-10	8,50E-11	TRUE
Rv1074c	603	116	2,378033197	0,378871415	3,3765986	0,0007339	0,001637118	0,00037149	TRUE
Rv1077	1502	270	2,4758535	0,476691719	6,5937575	4,29E-11	2,18E-10	4,95E-11	TRUE
Rv1078	1664	289	2,525514036	0,526352254	7,5978444	3,01E-14	1,91E-13	4,33E-14	TRUE
Rv1080c	1344	120	3,485426827	1,486265045	16,323733	6,69E-60	2,13E-58	4,83E-59	TRUE
Rv1081c	44	26	0,7589919	-1,240169881	-3,952062	7,75E-05	0,00020012	4,54E-05	TRUE
Rv1087	165	75	1,137503524	-0,861658258	-4,979971	6,36E-07	2,11E-06	4,80E-07	TRUE
Rv1091	194	93	1,060754031	-0,938407751	-5,959694	2,53E-09	1,11E-08	2,52E-09	TRUE
Rv1092c	418	61	2,776621795	0,777460013	5,3835922	7,30E-08	2,74E-07	6,21E-08	TRUE
Rv1093	602	104	2,533179959	0,534018177	4,6291761	3,67E-06	1,13E-05	2,57E-06	TRUE
Rv1094	3607	1377	1,389270864	-0,609890918	-15,79639	3,29E-56	9,77E-55	2,22E-55	TRUE
Rv1095	1818	709	1,358494667	-0,640667115	-11,83598	2,54E-32	3,81E-31	8,66E-32	TRUE
Rv1097c	467	82	2,509726735	0,510564953	3,9139048	9,08E-05	0,000231979	5,26E-05	TRUE
Rv1101c	287	31	3,210710616	1,211548834	6,4476735	1,14E-10	5,58E-10	1,27E-10	TRUE
Rv1102c	122	4	4,930737338	2,931575556	7,5498652	4,36E-14	2,71E-13	6,14E-14	TRUE
Rv1103c	223	18	3,630974898	1,631813117	7,1171846	1,10E-12	6,34E-12	1,44E-12	TRUE
Rv1105	31	1	4,95419631	2,955034529	3,8206038	0,0001331	0,000331573	7,52E-05	TRUE
Rv1106c	203	79	1,361555169	-0,637606613	-3,931813	8,43E-05	0,000216618	4,92E-05	TRUE
Rv1107c	358	158	1,180035029	-0,819126753	-6,922664	4,43E-12	2,43E-11	5,52E-12	TRUE
Rv1110	777	667	0,220227837	-1,778933945	-26,16401	6,83E-151	7,09E-149	1,61E-149	TRUE
Rv1112	124	10	3,632268215	1,633106434	5,3101446	1,10E-07	4,01E-07	9,09E-08	TRUE
Rv1113	111	13	3,093976148	1,094814366	3,6973809	0,0002178	0,000532636	0,00012087	TRUE
Rv1114	146	19	2,941897045	0,942735264	3,7489286	0,0001776	0,000436672	9,91E-05	TRUE
Rv1117	412	51	3,014075185	1,014913403	6,6959117	2,14E-11	1,12E-10	2,53E-11	TRUE
Rv1122	279	225	0,310340121	-1,688821661	-14,64943	1,36E-48	3,31E-47	7,50E-48	TRUE
Rv1123c	175	24	2,866248611	0,867086829	3,8248882	0,0001308	0,000326375	7,41E-05	TRUE
Rv1127c	750	109	2,782562461	0,783400679	7,2594718	3,89E-13	2,29E-12	5,21E-13	TRUE
Rv1128c	165	22	2,906890596	0,907728814	3,8607837	0,000113	0,000284109	6,45E-05	TRUE
Rv1129c	243	20	3,602884409	1,603722627	7,3372511	2,18E-13	1,31E-12	2,97E-13	TRUE
Rv1130	2089	70	4,89931376	2,900151978	31,081585	4,27E-212	7,66E-210	1,74E-210	TRUE

Rv1131	932	30	4,957295549	2,958133767	20,961461	1,47E-97	8,55E-96	1,94E-96	TRUE
Rv1132	638	72	3,147487612	1,14832583	9,2126518	3,18E-20	2,78E-19	6,31E-20	TRUE
Rv1133c	3561	1515	1,232964642	-0,76619714	-20,2603	2,88E-91	1,58E-89	3,58E-90	TRUE
Rv1135c	78	1	6,285402219	4,286240437	6,9795917	2,96E-12	1,65E-11	3,74E-12	TRUE
Rv1137c	11	10	0,137503524	-1,861658258	-3,303531	0,0009548	0,002093136	0,00047497	TRUE
Rv1138c	49	25	0,970853654	-1,028308128	-3,333448	0,0008578	0,001892078	0,00042921	TRUE
Rv1141c	112	9	3,637429921	1,638268139	5,0580799	4,23E-07	1,45E-06	3,29E-07	TRUE
Rv1145	49	3	4,029747343	2,030585562	3,8741933	0,000107	0,000270811	6,15E-05	TRUE
Rv1148c	222	28	2,987060944	0,987899162	4,806597	1,54E-06	4,98E-06	1,13E-06	TRUE
Rv1149	1298	222	2,547658802	0,54849702	6,9653525	3,28E-12	1,81E-11	4,12E-12	TRUE
Rv1151c	89	71	0,325986311	-1,67317547	-8,17431	2,98E-16	2,11E-15	4,78E-16	TRUE
Rv1152	157	20	2,972692654	0,973530872	3,993225	6,52E-05	0,000169797	3,85E-05	TRUE
Rv1153c	98	12	3,029747343	1,030585562	3,3069078	0,0009433	0,002069217	0,00046955	TRUE
Rv1156	2052	275	2,899527207	0,900365425	13,527324	1,08E-41	2,14E-40	4,85E-41	TRUE
Rv1157c	322	19	4,082989365	2,083827583	10,098604	5,60E-24	6,09E-23	1,38E-23	TRUE
Rv1159A	229	34	2,751740947	0,752579165	3,8737401	0,0001072	0,000271141	6,15E-05	TRUE
Rv1161	3225	1286	1,326408518	-0,672753264	-16,65467	2,80E-62	9,35E-61	2,12E-61	TRUE
Rv1162	1023	422	1,277491241	-0,721670541	-10,13977	3,68E-24	4,04E-23	9,16E-24	TRUE
Rv1164	518	91	2,509013647	0,509851866	4,1168849	3,84E-05	0,000103386	2,35E-05	TRUE
Rv1168c	930	138	2,752562449	0,753400667	7,8150857	5,49E-15	3,60E-14	8,17E-15	TRUE
Rv1169c	37	0	6,209453366	4,210291584	4,7844697	1,71E-06	5,50E-06	1,25E-06	TRUE
Rv1172c	656	79	3,053771256	1,054609475	8,719849	2,79E-18	2,19E-17	4,97E-18	TRUE
Rv1173	3205	1339	1,259168396	-0,739993386	-18,47678	3,18E-76	1,33E-74	3,02E-75	TRUE
Rv1174c	1311	272	2,268989129	0,269827347	3,6141475	0,0003013	0,000723797	0,00016424	TRUE
Rv1175c	608	62	3,293731203	1,294569421	9,8849698	4,84E-23	4,94E-22	1,12E-22	TRUE
Rv1176c	59	4	3,882643049	1,883481267	4,0450209	5,23E-05	0,00013793	3,13E-05	TRUE
Rv1177	1474	624	1,24011859	-0,759043192	-12,88708	5,32E-38	9,54E-37	2,16E-37	TRUE
Rv1179c	398	146	1,446800062	-0,55236172	-4,699704	2,61E-06	8,17E-06	1,85E-06	TRUE
Rv1180	582	330	0,818553129	-1,180608653	-13,54573	8,40E-42	1,68E-40	3,81E-41	TRUE
Rv1181	574	182	1,657112286	-0,342049495	-3,370104	0,0007514	0,001675251	0,00038015	TRUE
Rv1182	76	69	0,139403057	-1,859758725	-8,671975	4,25E-18	3,30E-17	7,50E-18	TRUE
Rv1184c	1260	680	0,889817082	-1,1093447	-18,50315	1,95E-76	8,26E-75	1,87E-75	TRUE
Rv1186c	173	12	3,849665727	1,850503945	6,8444077	7,68E-12	4,14E-11	9,40E-12	TRUE
Rv1194c	694	96	2,853829352	0,85466757	7,5248368	5,28E-14	3,26E-13	7,39E-14	TRUE
Rv1196	3937	1084	1,860731956	-0,138429826	-3,451622	0,0005572	0,001274772	0,00028927	TRUE
Rv1197	1612	225	2,840854837	0,841693055	11,32189	1,02E-29	1,40E-28	3,18E-29	TRUE
Rv1198	1873	294	2,671462839	0,672301058	10,039183	1,03E-23	1,10E-22	2,49E-23	TRUE

Rv1201c	760	486	0,645043105	-1,354118677	-18,2978	8,62E-75	3,47E-73	7,87E-74	TRUE
Rv1202	138	61	1,177787119	-0,821374663	-4,31116	1,62E-05	4,60E-05	1,04E-05	TRUE
Rv1204c	195	82	1,249778309	-0,749383473	-4,617697	3,88E-06	1,19E-05	2,71E-06	TRUE
Rv1205	141	59	1,256908303	-0,742253479	-3,884369	0,0001026	0,000260051	5,90E-05	TRUE
Rv1206	262	133	0,978140566	-1,021021216	-7,644469	2,10E-14	1,33E-13	3,03E-14	TRUE
Rv1208	358	53	2,755895323	0,756733541	4,8668144	1,13E-06	3,71E-06	8,42E-07	TRUE
Rv1214c	11	11	0	-1,999161782	-3,633077	0,0002801	0,000675985	0,00015339	TRUE
Rv1215c	346	165	1,068306013	-0,930855768	-7,885147	3,14E-15	2,11E-14	4,79E-15	TRUE
Rv1216c	216	17	3,667424661	1,668262879	7,1159508	1,11E-12	6,39E-12	1,45E-12	TRUE
Rv1218c	115	8	3,845490051	1,846328269	5,5717431	2,52E-08	9,98E-08	2,26E-08	TRUE
Rv1219c	66	3	4,459431619	2,460269837	5,0568513	4,26E-07	1,46E-06	3,31E-07	TRUE
Rv1220c	142	61	1,219009782	-0,780152	-4,124152	3,72E-05	0,000100519	2,28E-05	TRUE
Rv1222	459	165	1,476028129	-0,523133653	-4,755906	1,98E-06	6,27E-06	1,42E-06	TRUE
Rv1230c	279	106	1,396200857	-0,602960925	-4,332986	1,47E-05	4,20E-05	9,53E-06	TRUE
Rv1231c	198	25	2,98550043	0,986338648	4,5333847	5,80E-06	1,74E-05	3,94E-06	TRUE
Rv1232c	1073	219	2,292647301	0,293485519	3,5415757	0,0003977	0,0009371	0,00021265	TRUE
Rv1233c	2488	111	4,486354904	2,487193122	31,250857	2,17E-214	4,08E-212	9,26E-213	TRUE
Rv1234	258	15	4,10433666	2,105174878	9,0982759	9,18E-20	7,92E-19	1,80E-19	TRUE
Rv1235	235	20	3,554588852	1,55542707	7,05698	1,70E-12	9,66E-12	2,19E-12	TRUE
Rv1238	543	96	2,499845887	0,500684105	4,1458759	3,39E-05	9,22E-05	2,09E-05	TRUE
Rv1239c	197	29	2,764070824	0,764909042	3,6439498	0,0002685	0,000649239	0,00014732	TRUE
Rv1240	820	120	2,772589504	0,773427722	7,5071414	6,04E-14	3,72E-13	8,44E-14	TRUE
Rv1241	534	26	4,360256214	2,361094432	14,044268	8,35E-45	1,80E-43	4,08E-44	TRUE
Rv1242	149	8	4,21916852	2,220006739	7,1475897	8,83E-13	5,12E-12	1,16E-12	TRUE
Rv1243c	36	2	4,169925001	2,17076322	3,4647773	0,0005307	0,001218966	0,00027645	TRUE
Rv1245c	293	22	3,735325236	1,736163454	8,5243425	1,54E-17	1,16E-16	2,62E-17	TRUE
Rv1246c	36	0	6,169925001	4,17076322	4,7071967	2,51E-06	7,89E-06	1,79E-06	TRUE
Rv1247c	49	4	3,614709844	1,615548062	3,3121884	0,0009257	0,00203168	0,00046103	TRUE
Rv1248c	2169	293	2,888057483	0,888895701	13,758139	4,55E-43	9,50E-42	2,16E-42	TRUE
Rv1250	148	17	3,121990524	1,122828742	4,3574393	1,32E-05	3,77E-05	8,56E-06	TRUE
Rv1251c	504	46	3,453717967	1,454556186	9,8354288	7,92E-23	7,99E-22	1,81E-22	TRUE
Rv1252c	125	11	3,506352666	1,507190884	5,0289907	4,93E-07	1,67E-06	3,79E-07	TRUE
Rv1253	355	37	3,262221849	1,263060067	7,4094814	1,27E-13	7,67E-13	1,74E-13	TRUE
Rv1255c	11	12	-0,125530882	-2,124692664	-3,946118	7,94E-05	0,000204749	4,65E-05	TRUE
Rv1263	95	6	3,984893108	1,985731326	5,316463	1,06E-07	3,88E-07	8,81E-08	TRUE
Rv1267c	69	7	3,301169535	1,302007753	3,3445175	0,0008243	0,001823772	0,00041359	TRUE
Rv1270c	142	11	3,690315501	1,691153719	5,8256026	5,69E-09	2,40E-08	5,45E-09	TRUE

Rv1274	1622	328	2,3060061	0,306844318	4,5426509	5,56E-06	1,67E-05	3,78E-06	TRUE
Rv1275	587	198	1,567860073	-0,431301709	-4,364353	1,27E-05	3,66E-05	8,30E-06	TRUE
Rv1276c	37	2	4,209453366	2,210291584	3,5521171	0,0003821	0,000903584	0,00020492	TRUE
Rv1277	191	29	2,719447833	0,720286051	3,404937	0,0006618	0,001492345	0,00033864	TRUE
Rv1278	470	83	2,501477515	0,502315733	3,8685463	0,0001095	0,000276096	6,27E-05	TRUE
Rv1280c	398	66	2,592230501	0,593068719	4,1374231	3,51E-05	9,54E-05	2,16E-05	TRUE
Rv1287	92	11	3,064130337	1,064968556	3,2913002	0,0009973	0,00218267	0,00049529	TRUE
Rv1290c	102	10	3,350497247	1,351335465	4,1845507	2,86E-05	7,84E-05	1,78E-05	TRUE
Rv1292	426	40	3,412781525	1,413619743	8,8503465	8,72E-19	7,04E-18	1,60E-18	TRUE
Rv1293	1352	265	2,351030887	0,351869105	4,7186106	2,37E-06	7,50E-06	1,70E-06	TRUE
Rv1294	1469	285	2,365800572	0,36663879	5,1120439	3,19E-07	1,11E-06	2,52E-07	TRUE
Rv1295	611	204	1,582603228	-0,416558554	-4,289531	1,79E-05	5,04E-05	1,14E-05	TRUE
Rv1296	358	54	2,728928275	0,729766493	4,7153672	2,41E-06	7,61E-06	1,73E-06	TRUE
Rv1297	4967	925	2,424849476	0,425687694	10,812208	3,01E-27	3,70E-26	8,38E-27	TRUE
Rv1298	1498	305	2,296156476	0,296994694	4,2325133	2,31E-05	6,43E-05	1,46E-05	TRUE
Rv1299	945	158	2,580389771	0,581227989	6,2617111	3,81E-10	1,80E-09	4,08E-10	TRUE
Rv1301	479	231	1,052132804	-0,947028978	-9,465879	2,91E-21	2,67E-20	6,06E-21	TRUE
Rv1302	481	180	1,418039987	-0,581121794	-5,462894	4,68E-08	1,79E-07	4,07E-08	TRUE
Rv1305	927	172	2,430160774	0,430998992	4,7201501	2,36E-06	7,45E-06	1,69E-06	TRUE
Rv1309	1883	390	2,271486971	0,272325189	4,3702732	1,24E-05	3,58E-05	8,12E-06	TRUE
Rv1310	3320	1207	1,459757565	-0,539404216	-13,23898	5,23E-40	9,81E-39	2,23E-39	TRUE
Rv1311	1188	694	0,775527268	-1,223634514	-20,21392	7,38E-91	3,99E-89	9,05E-90	TRUE
Rv1312	823	282	1,545197268	-0,453964514	-5,461127	4,73E-08	1,81E-07	4,10E-08	TRUE
Rv1313c	72	7	3,362570079	1,363408298	3,5397029	0,0004006	0,000941525	0,00021355	TRUE
Rv1315	513	86	2,576550261	0,577388479	4,585664	4,53E-06	1,38E-05	3,13E-06	TRUE
Rv1317c	56	62	-0,146841388	-2,14600317	-9,026464	1,77E-19	1,50E-18	3,41E-19	TRUE
Rv1320c	326	38	3,100800641	1,101638859	6,3686152	1,91E-10	9,21E-10	2,09E-10	TRUE
Rv1321	399	152	1,392317423	-0,606844359	-5,2188	1,80E-07	6,44E-07	1,46E-07	TRUE
Rv1322	52	2	4,700439718	2,701277936	4,7266972	2,28E-06	7,22E-06	1,64E-06	TRUE
Rv1324	1554	566	1,457112546	-0,542049236	-9,100555	8,99E-20	7,77E-19	1,76E-19	TRUE
Rv1326c	526	56	3,231564067	1,232402285	8,8474168	8,96E-19	7,21E-18	1,64E-18	TRUE
Rv1328	706	137	2,36549229	0,366330508	3,540461	0,0003994	0,000939944	0,00021329	TRUE
Rv1331	2670	416	2,682184308	0,683022527	12,157031	5,26E-34	8,34E-33	1,89E-33	TRUE
Rv1332	584	65	3,167456746	1,168294964	8,936355	4,02E-19	3,29E-18	7,47E-19	TRUE
Rv1334	405	33	3,617383978	1,618222197	9,5342587	1,51E-21	1,41E-20	3,19E-21	TRUE
Rv1335	138	15	3,201633861	1,202472079	4,444333	8,82E-06	2,58E-05	5,85E-06	TRUE
Rv1336	385	36	3,418789634	1,419627852	8,4405819	3,16E-17	2,33E-16	5,29E-17	TRUE

Rv1337	937	127	2,883220551	0,884058769	8,9987228	2,28E-19	1,92E-18	4,36E-19	TRUE
Rv1338	305	42	2,86034801	0,861186228	5,0204228	5,16E-07	1,74E-06	3,94E-07	TRUE
Rv1340	287	100	1,521050737	-0,478111045	-3,410117	0,0006494	0,001467644	0,00033304	TRUE
Rv1342c	132	15	3,137503524	1,138341742	4,1608084	3,17E-05	8,68E-05	1,97E-05	TRUE
Rv1350	79	7	3,496425826	1,497264044	3,9784434	6,94E-05	0,000180169	4,09E-05	TRUE
Rv1352	216	87	1,311944006	-0,687217776	-4,409096	1,04E-05	3,02E-05	6,85E-06	TRUE
Rv1354c	60	3	4,321928095	2,322766313	4,6618106	3,13E-06	9,76E-06	2,21E-06	TRUE
Rv1361c	2090	260	3,006919414	1,007757632	14,998508	7,51E-51	1,97E-49	4,48E-50	TRUE
Rv1362c	106	7	3,920565533	1,921403751	5,4948273	3,91E-08	1,50E-07	3,41E-08	TRUE
Rv1363c	209	16	3,707359132	1,70819735	7,1178151	1,10E-12	6,32E-12	1,43E-12	TRUE
Rv1364c	267	14	4,25334101	2,254179228	9,6580886	4,54E-22	4,38E-21	9,94E-22	TRUE
Rv1366	135	7	4,269460675	2,270298893	6,8972553	5,30E-12	2,88E-11	6,54E-12	TRUE
Rv1366A	276	38	2,860596943	0,861435161	4,7769314	1,78E-06	5,70E-06	1,29E-06	TRUE
Rv1367c	120	16	2,906890596	0,907728814	3,2924563	0,0009932	0,002174923	0,00049353	TRUE
Rv1372	217	30	2,854660637	0,855498855	4,2107793	2,54E-05	7,01E-05	1,59E-05	TRUE
Rv1374c	50	0	6,64385619	4,644694408	5,6907699	1,26E-08	5,16E-08	1,17E-08	TRUE
Rv1375	148	19	2,961525852	0,96236407	3,8400256	0,000123	0,000307476	6,98E-05	TRUE
Rv1377c	87	44	0,983511877	-1,015649905	-4,37754	1,20E-05	3,47E-05	7,86E-06	TRUE
Rv1378c	142	74	0,940293754	-1,058868028	-5,874557	4,24E-09	1,81E-08	4,10E-09	TRUE
Rv1380	124	14	3,146841388	1,147679606	4,0592532	4,92E-05	0,000130136	2,95E-05	TRUE
Rv1381	150	17	3,141355849	1,142194067	4,4474923	8,69E-06	2,54E-05	5,77E-06	TRUE
Rv1386	1045	66	3,984893108	1,985731326	17,635138	1,32E-69	4,88E-68	1,11E-68	TRUE
Rv1387	2879	238	3,59653431	1,597372528	25,193911	4,67E-140	4,19E-138	9,50E-139	TRUE
Rv1390	643	88	2,869243309	0,870081527	7,3539467	1,92E-13	1,16E-12	2,63E-13	TRUE
Rv1392	1106	611	0,8561071	-1,143054681	-17,96592	3,60E-72	1,41E-70	3,19E-71	TRUE
Rv1393c	162	74	1,130396637	-0,868765145	-4,981316	6,32E-07	2,11E-06	4,78E-07	TRUE
Rv1394c	214	141	0,601915634	-1,397246148	-10,09142	6,03E-24	6,51E-23	1,48E-23	TRUE
Rv1398c	4824	1409	1,775558296	-0,223603486	-6,265255	3,72E-10	1,76E-09	3,99E-10	TRUE
Rv1402	123	73	0,752689946	-1,246471835	-6,648762	2,96E-11	1,52E-10	3,46E-11	TRUE
Rv1404	287	33	3,120512807	1,121351025	6,0616731	1,35E-09	6,07E-09	1,38E-09	TRUE
Rv1405c	108	7	3,94753258	1,948370798	5,5980473	2,17E-08	8,64E-08	1,96E-08	TRUE
Rv1408	213	92	1,211147664	-0,788014118	-5,10903	3,24E-07	1,13E-06	2,56E-07	TRUE
Rv1412	187	25	2,90303827	0,903876488	4,0954273	4,21E-05	0,000112944	2,56E-05	TRUE
Rv1415	900	420	1,099535674	-0,899626108	-12,2269	2,23E-34	3,59E-33	8,16E-34	TRUE
Rv1416	133	67	0,989193245	-1,009968537	-5,377008	7,57E-08	2,83E-07	6,42E-08	TRUE
Rv1417	178	70	1,346450414	-0,652711368	-3,77882	0,0001576	0,00038988	8,84E-05	TRUE
Rv1421	446	82	2,443347895	0,444186113	3,3661046	0,0007624	0,001695893	0,00038483	TRUE

Rv1424c	150	20	2,906890596	0,907728814	3,6811012	0,0002322	0,000565202	0,00012822	TRUE
Rv1427c	249	36	2,790076931	0,790915149	4,2170297	2,48E-05	6,86E-05	1,56E-05	TRUE
Rv1428c	275	12	4,518325308	2,519163526	10,462292	1,29E-25	1,49E-24	3,39E-25	TRUE
Rv1429	157	62	1,340424439	-0,658737343	-3,585398	0,0003366	0,000803516	0,00018233	TRUE
Rv1433	324	55	2,558490289	0,559328507	3,5412362	0,0003983	0,000937746	0,00021279	TRUE
Rv1435c	384	139	1,466021428	-0,533140354	-4,440823	8,96E-06	2,62E-05	5,94E-06	TRUE
Rv1436	658	313	1,071924927	-0,927236855	-10,82616	2,59E-27	3,19E-26	7,24E-27	TRUE
Rv1437	1165	231	2,334365198	0,335203416	4,1845649	2,86E-05	7,85E-05	1,78E-05	TRUE
Rv1438	802	147	2,447786082	0,4486243	4,555848	5,22E-06	1,57E-05	3,57E-06	TRUE
Rv1440	438	72	2,604862058	0,605700276	4,4231479	9,73E-06	2,84E-05	6,44E-06	TRUE
Rv1442	342	189	0,855610091	-1,143551691	-9,992381	1,65E-23	1,74E-22	3,96E-23	TRUE
Rv1444c	212	24	3,142957954	1,143796172	5,2933533	1,20E-07	4,38E-07	9,94E-08	TRUE
Rv1445c	146	15	3,282933963	1,283772181	4,8121407	1,49E-06	4,85E-06	1,10E-06	TRUE
Rv1446c	324	25	3,695993813	1,696832031	8,8208461	1,14E-18	9,09E-18	2,06E-18	TRUE
Rv1448c	1038	537	0,95081245	-1,048349332	-15,7023	1,46E-55	4,29E-54	9,74E-55	TRUE
Rv1451	748	125	2,581110175	0,581948393	5,5768824	2,45E-08	9,71E-08	2,20E-08	TRUE
Rv1457c	118	15	2,975752454	0,976590672	3,4709155	0,0005187	0,001199122	0,0002721	TRUE
Rv1461	1174	761	0,62546405	-1,373697732	-23,1536	1,34E-118	9,59E-117	2,18E-117	TRUE
Rv1462	439	345	0,347624578	-1,651537204	-17,856	2,60E-71	9,94E-70	2,26E-70	TRUE
Rv1463	122	57	1,097847323	-0,901314458	-4,510072	6,48E-06	1,93E-05	4,38E-06	TRUE
Rv1464	261	132	0,983511877	-1,015649905	-7,582662	3,39E-14	2,14E-13	4,85E-14	TRUE
Rv1466	165	79	1,062541466	-0,936620316	-5,484001	4,16E-08	1,60E-07	3,62E-08	TRUE
Rv1468c	129	60	1,10433666	-0,894825122	-4,599102	4,24E-06	1,30E-05	2,94E-06	TRUE
Rv1472	470	64	2,876516947	0,877355165	6,3316354	2,43E-10	1,15E-09	2,62E-10	TRUE
Rv1473	532	99	2,425925815	0,426764034	3,5429053	0,0003957	0,000933503	0,00021183	TRUE
Rv1479	1497	274	2,449826423	0,450664641	6,2515027	4,07E-10	1,91E-09	4,34E-10	TRUE
Rv1481	635	104	2,610173064	0,611011282	5,3677576	7,97E-08	2,98E-07	6,76E-08	TRUE
Rv1483	647	67	3,271532712	1,27237093	10,060932	8,22E-24	8,81E-23	2,00E-23	TRUE
Rv1485	410	70	2,550197083	0,551035301	3,9302474	8,49E-05	0,000217326	4,93E-05	TRUE
Rv1486c	360	149	1,272684576	-0,726477206	-6,058704	1,37E-09	6,17E-09	1,40E-09	TRUE
Rv1489A	204	147	0,472752997	-1,526408785	-11,00725	3,53E-28	4,47E-27	1,01E-27	TRUE
Rv1492	184	103	0,837061429	-1,162100353	-7,4717	7,92E-14	4,84E-13	1,10E-13	TRUE
Rv1498A	142	12	3,564784619	1,565622837	5,5117879	3,55E-08	1,38E-07	3,13E-08	TRUE
Rv1498c	133	13	3,354842717	1,355680935	4,7900965	1,67E-06	5,35E-06	1,21E-06	TRUE
Rv1500	298	30	3,312277925	1,313116143	6,9966281	2,62E-12	1,47E-11	3,33E-12	TRUE
Rv1501	412	31	3,732304217	1,733142435	10,096129	5,75E-24	6,23E-23	1,41E-23	TRUE
Rv1502	536	76	2,818161677	0,818999895	6,376121	1,82E-10	8,82E-10	2,00E-10	TRUE

Rv1505c	278	27	3,364053571	1,364891789	6,9614491	3,37E-12	1,86E-11	4,23E-12	TRUE
Rv1506c	223	33	2,756505781	0,757343999	3,8436777	0,0001212	0,000303318	6,88E-05	TRUE
Rv1507A	27	0	5,754887502	3,75572572	3,9446262	7,99E-05	0,000205893	4,67E-05	TRUE
Rv1508c	934	77	3,600492199	1,601330417	14,370936	7,88E-47	1,80E-45	4,07E-46	TRUE
Rv1511	392	54	2,859822342	0,86066056	5,6887372	1,28E-08	5,20E-08	1,18E-08	TRUE
Rv1515c	109	10	3,44625623	1,447094448	4,5560595	5,21E-06	1,57E-05	3,57E-06	TRUE
Rv1517	152	8	4,247927513	2,248765732	7,2763563	3,43E-13	2,03E-12	4,62E-13	TRUE
Rv1520	567	108	2,392317423	0,393155641	3,3892666	0,0007008	0,001568643	0,00035596	TRUE
Rv1521	1001	150	2,738407568	0,739245786	7,975258	1,52E-15	1,04E-14	2,37E-15	TRUE
Rv1522c	512	56	3,192645078	1,193483296	8,5104166	1,73E-17	1,30E-16	2,95E-17	TRUE
Rv1523	86	5	4,10433666	2,105174878	5,2527666	1,50E-07	5,42E-07	1,23E-07	TRUE
Rv1528c	139	10	3,797012978	1,797851196	6,0151214	1,80E-09	7,98E-09	1,81E-09	TRUE
Rv1529	357	46	2,956218308	0,957056526	5,9368186	2,91E-09	1,27E-08	2,88E-09	TRUE
Rv1530	61	56	0,123382416	-1,875779366	-7,857845	3,91E-15	2,62E-14	5,94E-15	TRUE
Rv1533	902	276	1,708459166	-0,290702615	-3,559019	0,0003722	0,000882287	0,00020021	TRUE
Rv1543	286	23	3,636309381	1,637147599	8,0790298	6,53E-16	4,56E-15	1,03E-15	TRUE
Rv1544	183	85	1,106308902	-0,89285288	-5,463944	4,66E-08	1,78E-07	4,05E-08	TRUE
Rv1546	310	34	3,188661564	1,189499782	6,6043156	3,99E-11	2,03E-10	4,62E-11	TRUE
Rv1547	1855	262	2,82378047	0,824618688	11,934838	7,79E-33	1,19E-31	2,69E-32	TRUE
Rv1548c	75	2	5,22881869	3,229656909	6,1931257	5,90E-10	2,73E-09	6,20E-10	TRUE
Rv1549	46	1	5,523561956	3,524400174	5,0292589	4,92E-07	1,67E-06	3,79E-07	TRUE
Rv1552	47	27	0,79970135	-1,199460432	-3,922725	8,76E-05	0,000223936	5,08E-05	TRUE
Rv1565c	681	101	2,753299505	0,754137723	6,6928487	2,19E-11	1,14E-10	2,58E-11	TRUE
Rv1566c	211	27	2,966211687	0,967049905	4,6036992	4,15E-06	1,27E-05	2,89E-06	TRUE
Rv1569	210	81	1,374395515	-0,624766267	-3,909794	9,24E-05	0,000235657	5,35E-05	TRUE
Rv1580c	29	0	5,857980995	3,858819213	4,12596	3,69E-05	9,99E-05	2,27E-05	TRUE
Rv1582c	64	4	4	2,000838218	4,3853433	1,16E-05	3,36E-05	7,62E-06	TRUE
Rv1585c	9	10	-0,152003093	-2,151164875	-3,630482	0,0002829	0,000682401	0,00015485	TRUE
Rv1590	77	37	1,057333175	-0,941828607	-3,770387	0,000163	0,000402284	9,13E-05	TRUE
Rv1592c	362	23	3,976283931	1,977122149	10,348873	4,23E-25	4,87E-24	1,10E-24	TRUE
Rv1593c	457	81	2,496200352	0,49703857	3,7780364	0,0001581	0,000390618	8,86E-05	TRUE
Rv1594	1644	804	1,031942893	-0,967218889	-17,98165	2,71E-72	1,07E-70	2,43E-71	TRUE
Rv1595	866	515	0,749794593	-1,249367189	-17,69767	4,37E-70	1,66E-68	3,76E-69	TRUE
Rv1596	1489	146	3,35030348	1,351141698	15,990316	1,49E-57	4,53E-56	1,03E-56	TRUE
Rv1597	283	17	4,057195402	2,05803362	9,3919609	5,89E-21	5,33E-20	1,21E-20	TRUE
Rv1599	325	142	1,194548788	-0,804612993	-6,46266	1,03E-10	5,07E-10	1,15E-10	TRUE
Rv1600	414	75	2,464668267	0,465506485	3,3862018	0,0007087	0,001583572	0,00035934	TRUE

Rv1601	243	7	5,117457582	3,1182958	10,97315	5,14E-28	6,48E-27	1,47E-27	TRUE
Rv1602	367	59	2,636993203	0,637831422	4,2398438	2,24E-05	6,23E-05	1,41E-05	TRUE
Rv1606	190	24	2,984893108	0,985731326	4,4385824	9,06E-06	2,64E-05	6,00E-06	TRUE
Rv1607	262	36	2,863498	0,864336218	4,6675134	3,05E-06	9,51E-06	2,16E-06	TRUE
Rv1610	595	277	1,103003692	-0,89615809	-9,896075	4,33E-23	4,46E-22	1,01E-22	TRUE
Rv1612	2765	509	2,441541919	0,442380137	8,3545556	6,57E-17	4,77E-16	1,08E-16	TRUE
Rv1614	2741	473	2,534790239	0,535628458	9,909888	3,77E-23	3,90E-22	8,86E-23	TRUE
Rv1615	334	47	2,829115441	0,829953659	5,0906576	3,57E-07	1,24E-06	2,80E-07	TRUE
Rv1618	714	136	2,392317423	0,393155641	3,8034644	0,0001427	0,000354603	8,05E-05	TRUE
Rv1619	170	81	1,069540933	-0,929620849	-5,518186	3,43E-08	1,33E-07	3,03E-08	TRUE
Rv1620c	203	137	0,567303834	-1,431857948	-10,13266	3,96E-24	4,32E-23	9,81E-24	TRUE
Rv1623c	706	81	3,12367437	1,124512589	9,5295894	1,58E-21	1,47E-20	3,33E-21	TRUE
Rv1625c	367	45	3,027783157	1,028621375	6,389766	1,66E-10	8,11E-10	1,84E-10	TRUE
Rv1627c	352	145	1,279522529	-0,719639253	-5,927569	3,07E-09	1,34E-08	3,03E-09	TRUE
Rv1628c	161	108	0,576029376	-1,423132406	-8,955056	3,40E-19	2,81E-18	6,37E-19	TRUE
Rv1630	3813	630	2,597502797	0,598341015	12,918622	3,53E-38	6,39E-37	1,45E-37	TRUE
Rv1631	1288	402	1,679865187	-0,319296595	-4,69502	2,67E-06	8,35E-06	1,90E-06	TRUE
Rv1634	329	123	1,419429268	-0,579732513	-4,505893	6,61E-06	1,96E-05	4,46E-06	TRUE
Rv1635c	206	32	2,686500527	0,687338745	3,3936969	0,0006896	0,00154524	0,00035064	TRUE
Rv1636	360	63	2,514573173	0,515411391	3,466012	0,0005282	0,001216215	0,00027598	TRUE
Rv1637c	118	12	3,297680549	1,298518767	4,3646667	1,27E-05	3,66E-05	8,30E-06	TRUE
Rv1638A	259	160	0,694880193	-1,304281589	-10,19776	2,03E-24	2,27E-23	5,14E-24	TRUE
Rv1639c	974	357	1,447997698	-0,551164084	-7,336059	2,20E-13	1,32E-12	2,99E-13	TRUE
Rv1641	1362	278	2,292569915	0,293408133	3,9894147	6,62E-05	0,00017232	3,91E-05	TRUE
Rv1642	386	63	2,615177114	0,616015332	4,2154128	2,49E-05	6,90E-05	1,56E-05	TRUE
Rv1651c	337	58	2,538623786	0,539462004	3,4953279	0,0004735	0,001100415	0,00024971	TRUE
Rv1660	136	15	3,180572246	1,181410464	4,3505812	1,36E-05	3,89E-05	8,82E-06	TRUE
Rv1662	752	247	1,60622162	-0,392940162	-4,470855	7,79E-06	2,29E-05	5,21E-06	TRUE
Rv1665	284	17	4,062284278	2,063122496	9,4234913	4,36E-21	3,97E-20	9,00E-21	TRUE
Rv1670	41	1	5,357552005	3,358390223	4,6564651	3,22E-06	1,00E-05	2,27E-06	TRUE
Rv1676	323	29	3,47740936	1,478247578	7,9689139	1,60E-15	1,09E-14	2,48E-15	TRUE
Rv1682	100	5	4,321928095	2,322766313	6,0184026	1,76E-09	7,85E-09	1,78E-09	TRUE
Rv1683	659	89	2,888401224	0,889239442	7,5836062	3,36E-14	2,12E-13	4,82E-14	TRUE
Rv1685c	36	2	4,169925001	2,17076322	3,4647773	0,0005307	0,001218966	0,00027645	TRUE
Rv1691	128	14	3,192645078	1,193483296	4,2548971	2,09E-05	5,84E-05	1,32E-05	TRUE
Rv1692	168	24	2,807354922	0,80819314	3,5288955	0,0004173	0,000978492	0,00022204	TRUE
Rv1693	109	45	1,276331228	-0,722830553	-3,314678	0,0009175	0,002014792	0,00045719	TRUE

Rv1696	285	115	1,309328058	-0,689833724	-5,086312	3,65E-07	1,26E-06	2,87E-07	TRUE
Rv1697	1053	208	2,339850003	0,340688221	4,0394733	5,36E-05	0,000140951	3,20E-05	TRUE
Rv1698	439	58	2,920096134	0,920934353	6,3748407	1,83E-10	8,86E-10	2,01E-10	TRUE
Rv1699	860	107	3,006725863	1,007564081	9,6171576	6,77E-22	6,45E-21	1,46E-21	TRUE
Rv1700	434	194	1,16163839	-0,837523392	-7,818438	5,35E-15	3,51E-14	7,96E-15	TRUE
Rv1701	122	57	1,097847323	-0,901314458	-4,510072	6,48E-06	1,93E-05	4,38E-06	TRUE
Rv1703c	532	68	2,967819594	0,968657812	7,3206681	2,47E-13	1,48E-12	3,35E-13	TRUE
Rv1708	384	47	3,030373649	1,031211867	6,5496244	5,77E-11	2,90E-10	6,58E-11	TRUE
Rv1709	283	18	3,974733241	1,97557146	9,1454052	5,94E-20	5,16E-19	1,17E-19	TRUE
Rv1710	284	40	2,827819025	0,828657243	4,687851	2,76E-06	8,62E-06	1,96E-06	TRUE
Rv1728c	309	24	3,686500527	1,687338745	8,5801301	9,48E-18	7,23E-17	1,64E-17	TRUE
Rv1730c	184	10	4,201633861	2,202472079	7,9041145	2,70E-15	1,82E-14	4,14E-15	TRUE
Rv1732c	104	13	3	1,000838218	3,3254075	0,0008829	0,001943155	0,00044094	TRUE
Rv1733c	170	258	-0,601836319	-2,600998101	-20,62705	1,57E-94	8,97E-93	2,02E-93	TRUE
Rv1736c	1196	68	4,136538833	2,137377051	19,78063	4,37E-87	2,21E-85	5,02E-86	TRUE
Rv1737c	507	248	1,031645627	-0,967516155	-9,984802	1,78E-23	1,88E-22	4,26E-23	TRUE
Rv1738	2494	2148	0,215467472	-1,78369431	-47,08259	0	0	0	TRUE
Rv1740	115	15	2,938599455	0,939437673	3,3174414	0,0009085	0,001996081	0,00045295	TRUE
Rv1741	107	2	5,741466986	3,742305205	7,8428504	4,40E-15	2,92E-14	6,62E-15	TRUE
Rv1743	663	69	3,264340603	1,265178821	10,139667	3,68E-24	4,04E-23	9,16E-24	TRUE
Rv1747	1596	238	2,745427173	0,746265391	10,154945	3,15E-24	3,47E-23	7,87E-24	TRUE
Rv1748	88	7	3,652076697	1,652914915	4,5121082	6,42E-06	1,92E-05	4,35E-06	TRUE
Rv1749c	714	68	3,392317423	1,393155641	11,33272	9,04E-30	1,24E-28	2,82E-29	TRUE
Rv1750c	149	15	3,312277925	1,313116143	4,9472285	7,53E-07	2,49E-06	5,64E-07	TRUE
Rv1751	1256	235	2,418103802	0,41894202	5,3521938	8,69E-08	3,24E-07	7,35E-08	TRUE
Rv1753c	126	6	4,392317423	2,393155641	6,8760004	6,16E-12	3,33E-11	7,57E-12	TRUE
Rv1754c	140	4	5,129283017	3,130121235	8,343374	7,22E-17	5,21E-16	1,18E-16	TRUE
Rv1761c	57	3	4,247927513	2,248765732	4,4557841	8,36E-06	2,45E-05	5,56E-06	TRUE
Rv1762c	122	16	2,930737338	0,931575556	3,3929442	0,0006915	0,001548613	0,00035141	TRUE
Rv1765c	1093	184	2,57051573	0,571353948	6,6313894	3,33E-11	1,71E-10	3,87E-11	TRUE
Rv1769	437	61	2,840752132	0,84159035	5,8928044	3,80E-09	1,63E-08	3,69E-09	TRUE
Rv1772	347	206	0,752291325	-1,246870456	-11,17288	5,54E-29	7,25E-28	1,65E-28	TRUE
Rv1775	126	54	1,222392421	-0,776769361	-3,865729	0,0001108	0,000278946	6,33E-05	TRUE
Rv1778c	112	10	3,485426827	1,486265045	4,7112567	2,46E-06	7,74E-06	1,76E-06	TRUE
Rv1781c	73	7	3,382469637	1,383307855	3,6037723	0,0003136	0,000751497	0,00017053	TRUE
Rv1793	1281	448	1,515699838	-0,483461944	-7,294344	3,00E-13	1,79E-12	4,06E-13	TRUE
Rv1795	1516	459	1,723703695	-0,275458087	-4,361339	1,29E-05	3,71E-05	8,41E-06	TRUE

Rv1797	1843	697	1,40282551	-0,596336272	-11,00758	3,51E-28	4,47E-27	1,01E-27	TRUE
Rv1801	137	2	6,098032083	4,098870301	9,1376303	6,38E-20	5,53E-19	1,26E-19	TRUE
Rv1802	48	0	6,584962501	4,585800719	5,5615627	2,67E-08	1,05E-07	2,39E-08	TRUE
Rv1806	46	2	4,523561956	2,524400174	4,2838592	1,84E-05	5,16E-05	1,17E-05	TRUE
Rv1808	264	18	3,874469118	1,875307336	8,5317167	1,44E-17	1,09E-16	2,47E-17	TRUE
Rv1813c	688	1038	-0,593325974	-2,592487756	-41,31447	0	0	0	TRUE
Rv1814	188	18	3,38466385	1,385502068	5,7903783	7,02E-09	2,95E-08	6,70E-09	TRUE
Rv1815	758	56	3,758699116	1,759537334	13,840187	1,46E-43	3,09E-42	7,02E-43	TRUE
Rv1816	679	42	4,014950341	2,01578856	14,354716	9,95E-47	2,26E-45	5,12E-46	TRUE
Rv1819c	169	19	3,152951923	1,153790141	4,7591424	1,94E-06	6,18E-06	1,40E-06	TRUE
Rv1821	1643	350	2,230905653	0,231743871	3,4982594	0,0004683	0,001089031	0,00024712	TRUE
Rv1822	139	65	1,09657326	-0,902588522	-4,821956	1,42E-06	4,63E-06	1,05E-06	TRUE
Rv1825	208	31	2,746243408	0,747081626	3,6683606	0,0002441	0,000592476	0,00013444	TRUE
Rv1826	284	40	2,827819025	0,828657243	4,687851	2,76E-06	8,62E-06	1,96E-06	TRUE
Rv1828	1126	170	2,727600176	0,728438394	8,3507739	6,78E-17	4,92E-16	1,12E-16	TRUE
Rv1829	207	87	1,250543462	-0,74861832	-4,752193	2,01E-06	6,38E-06	1,45E-06	TRUE
Rv1830	950	163	2,543055549	0,543893767	5,913137	3,36E-09	1,45E-08	3,29E-09	TRUE
Rv1832	1049	341	1,621171034	-0,377990748	-5,066883	4,04E-07	1,39E-06	3,16E-07	TRUE
Rv1835c	248	17	3,866733469	1,867571687	8,2460563	1,64E-16	1,17E-15	2,65E-16	TRUE
Rv1837c	1188	213	2,479609501	0,480447719	5,9060702	3,50E-09	1,51E-08	3,43E-09	TRUE
Rv1842c	318	257	0,307258406	-1,691903376	-15,67706	2,17E-55	6,34E-54	1,44E-54	TRUE
Rv1843c	605	386	0,648334295	-1,350827487	-16,27549	1,47E-59	4,61E-58	1,05E-58	TRUE
Rv1845c	463	230	1,009378332	-0,98978345	-9,798885	1,14E-22	1,14E-21	2,59E-22	TRUE
Rv1846c	679	298	1,188099244	-0,811062538	-9,427922	4,18E-21	3,81E-20	8,65E-21	TRUE
Rv1847	102	11	3,212993723	1,213831941	3,8493977	0,0001184	0,000296887	6,74E-05	TRUE
Rv1851	13	12	0,115477217	-1,883684564	-3,647708	0,0002646	0,000640603	0,00014537	TRUE
Rv1853	25	34	-0,443606651	-2,442768433	-7,227231	4,93E-13	2,89E-12	6,56E-13	TRUE
Rv1856c	331	38	3,122759893	1,123598111	6,5203299	7,02E-11	3,52E-10	7,98E-11	TRUE
Rv1857	315	183	0,78350818	-1,215653602	-10,32257	5,57E-25	6,35E-24	1,44E-24	TRUE
Rv1859	232	120	0,9510904	-1,048071382	-7,418695	1,18E-13	7,17E-13	1,63E-13	TRUE
Rv1862	268	101	1,407877708	-0,591284074	-4,156033	3,24E-05	8,85E-05	2,01E-05	TRUE
Rv1863c	380	127	1,581170922	-0,41799086	-3,39505	0,0006862	0,001540249	0,00034951	TRUE
Rv1865c	83	9	3,20511443	1,205952648	3,4545769	0,0005512	0,001261981	0,00028628	TRUE
Rv1870c	1937	337	2,523003457	0,523841676	8,1624342	3,28E-16	2,32E-15	5,26E-16	TRUE
Rv1871c	3655	1076	1,764193328	-0,234968454	-5,739956	9,47E-09	3,92E-08	8,90E-09	TRUE
Rv1876	413	31	3,735801661	1,736639879	10,122636	4,38E-24	4,78E-23	1,08E-23	TRUE
Rv1877	474	60	2,981852653	0,982690871	6,9930901	2,69E-12	1,50E-11	3,41E-12	TRUE

Rv1882c	885	69	3,681009188	1,681847406	14,488523	1,43E-47	3,32E-46	7,54E-47	TRUE
Rv1883c	2623	255	3,362648655	1,363486874	21,375576	2,26E-101	1,39E-99	3,15E-100	TRUE
Rv1884c	2280	125	4,189033824	2,189872043	27,732634	2,82E-169	3,59E-167	8,15E-168	TRUE
Rv1885c	402	53	2,923131237	0,923969455	6,1171232	9,53E-10	4,33E-09	9,83E-10	TRUE
Rv1886c	1500	178	3,075013354	1,075851573	13,404081	5,72E-41	1,11E-39	2,52E-40	TRUE
Rv1891	346	34	3,347165386	1,348003605	7,6928021	1,44E-14	9,28E-14	2,11E-14	TRUE
Rv1892	145	17	3,092446249	1,093284467	4,2211176	2,43E-05	6,75E-05	1,53E-05	TRUE
Rv1893	89	4	4,475733431	2,476571649	5,8944833	3,76E-09	1,61E-08	3,66E-09	TRUE
Rv1894c	317	37	3,098885665	1,099723883	6,2712428	3,58E-10	1,70E-09	3,85E-10	TRUE
Rv1896c	126	10	3,655351829	1,656190047	5,4067876	6,42E-08	2,42E-07	5,48E-08	TRUE
Rv1899c	899	273	1,719420165	-0,279741617	-3,41263	0,0006434	0,001455845	0,00033036	TRUE
Rv1900c	295	111	1,410155278	-0,589006504	-4,341894	1,41E-05	4,04E-05	9,17E-06	TRUE
Rv1905c	500	71	2,816037165	0,816875383	6,1445155	8,02E-10	3,68E-09	8,35E-10	TRUE
Rv1906c	492	54	3,187627003	1,188465221	8,3146617	9,20E-17	6,61E-16	1,50E-16	TRUE
Rv1907c	101	43	1,231946728	-0,767215054	-3,412783	0,000643	0,001455864	0,00033036	TRUE
Rv1908c	979	599	0,708752857	-1,290408925	-19,57487	2,53E-85	1,23E-83	2,80E-84	TRUE
Rv1909c	46	32	0,523561956	-1,475599826	-5,008213	5,49E-07	1,85E-06	4,19E-07	TRUE
Rv1911c	241	86	1,486624582	-0,5125372	-3,369907	0,0007519	0,0016755	0,0003802	TRUE
Rv1912c	154	18	3,096861539	1,097699757	4,3643811	1,27E-05	3,66E-05	8,30E-06	TRUE
Rv1913	60	3	4,321928095	2,322766313	4,6618106	3,13E-06	9,76E-06	2,21E-06	TRUE
Rv1917c	58	2	4,857980995	2,858819213	5,1408095	2,74E-07	9,61E-07	2,18E-07	TRUE
Rv1923	552	73	2,918699898	0,919538116	7,139422	9,37E-13	5,41E-12	1,23E-12	TRUE
Rv1925	3718	840	2,146065537	0,146903755	3,3872721	0,0007059	0,001579196	0,00035834	TRUE
Rv1926c	277	14	4,306387244	2,307225462	9,9766603	1,93E-23	2,02E-22	4,59E-23	TRUE
Rv1927	147	156	-0,085729874	-2,084891656	-14,05916	6,77E-45	1,47E-43	3,33E-44	TRUE
Rv1932	199	147	0,436952276	-1,562209506	-11,19573	4,28E-29	5,66E-28	1,29E-28	TRUE
Rv1935c	7	10	-0,514573173	-2,513734955	-3,98404	6,78E-05	0,00017615	4,00E-05	TRUE
Rv1937	103	51	1,014075185	-0,985086597	-4,595386	4,32E-06	1,32E-05	2,99E-06	TRUE
Rv1947	91	141	-0,631756712	-2,630918494	-15,34364	3,91E-53	1,11E-51	2,52E-52	TRUE
Rv1950c	262	11	4,573991383	2,574829601	10,337441	4,77E-25	5,45E-24	1,24E-24	TRUE
Rv1952	122	8	3,930737338	1,931575556	5,915747	3,30E-09	1,43E-08	3,24E-09	TRUE
Rv1957	63	6	3,392317423	1,393155641	3,36593	0,0007629	0,001696011	0,00038486	TRUE
Rv1958c	55	3	4,196397213	2,197235431	4,3149763	1,60E-05	4,53E-05	1,03E-05	TRUE
Rv1959c	193	29	2,734476042	0,73531426	3,4850431	0,0004921	0,001141574	0,00025905	TRUE
Rv1960c	75	5	3,906890596	1,907728814	4,5999904	4,23E-06	1,29E-05	2,93E-06	TRUE
Rv1962A	131	4	5,033423002	3,03426122	7,9546145	1,80E-15	1,22E-14	2,78E-15	TRUE
Rv1976c	160	68	1,234465254	-0,764696528	-4,279569	1,87E-05	5,25E-05	1,19E-05	TRUE

Rv1979c	337	54	2,641717279	0,642555497	4,0895726	4,32E-05	0,000115558	2,62E-05	TRUE
Rv1980c	1432	139	3,364874705	1,365712923	15,810227	2,65E-56	7,96E-55	1,81E-55	TRUE
Rv1981c	1430	37	5,272346066	3,273184284	27,204457	5,75E-163	6,67E-161	1,51E-161	TRUE
Rv1982c	139	11	3,659509454	1,660347672	5,6890312	1,28E-08	5,20E-08	1,18E-08	TRUE
Rv1984c	209	26	3,006919414	1,007757632	4,7411322	2,13E-06	6,74E-06	1,53E-06	TRUE
Rv1985c	56	5	3,485426827	1,486265045	3,3313294	0,0008643	0,001904407	0,00043215	TRUE
Rv1987	563	101	2,478779629	0,479617847	4,0587289	4,93E-05	0,000130341	2,96E-05	TRUE
Rv1988	52	42	0,308122295	-1,691039487	-6,334411	2,38E-10	1,13E-09	2,58E-10	TRUE
Rv1990c	297	138	1,105794664	-0,893367118	-6,965738	3,27E-12	1,81E-11	4,11E-12	TRUE
Rv1991A	104	5	4,378511623	2,379349841	6,2257613	4,79E-10	2,23E-09	5,07E-10	TRUE
Rv1991c	30	0	5,906890596	3,907728814	4,2138185	2,51E-05	6,94E-05	1,57E-05	TRUE
Rv1992c	249	38	2,712074419	0,712912637	3,8528669	0,0001167	0,000293083	6,65E-05	TRUE
Rv1993c	92	5	4,201633861	2,202472079	5,5889839	2,28E-08	9,07E-08	2,06E-08	TRUE
Rv1994c	101	9	3,488286481	1,489124699	4,4803011	7,45E-06	2,20E-05	5,00E-06	TRUE
Rv1996	566	1009	-0,834052216	-2,833213998	-42,6946	0	0	0	TRUE
Rv2000	137	9	3,928107082	1,9289453	6,2632117	3,77E-10	1,78E-09	4,04E-10	TRUE
Rv2001	76	4	4,247927513	2,248765732	5,1451092	2,67E-07	9,41E-07	2,13E-07	TRUE
Rv2002	178	24	2,89077093	0,891609148	3,9498109	7,82E-05	0,00020188	4,58E-05	TRUE
Rv2005c	572	305	0,907205904	-1,091955878	-12,23098	2,12E-34	3,43E-33	7,79E-34	TRUE
Rv2007c	3373	1231	1,454201557	-0,544960225	-13,49495	1,67E-41	3,30E-40	7,49E-41	TRUE
Rv2009	246	7	5,135159583	3,135997801	11,069348	1,77E-28	2,28E-27	5,17E-28	TRUE
Rv2010	365	35	3,382469637	1,383307855	8,0586995	7,71E-16	5,35E-15	1,21E-15	TRUE
Rv2015c	1069	212	2,334125683	0,334963901	4,005651	6,18E-05	0,000161753	3,67E-05	TRUE
Rv2019	89	6	3,89077093	1,891609148	4,9825323	6,28E-07	2,09E-06	4,75E-07	TRUE
Rv2020c	33	0	6,044394119	4,045232337	4,4672792	7,92E-06	2,33E-05	5,29E-06	TRUE
Rv2021c	79	7	3,496425826	1,497264044	3,9784434	6,94E-05	0,000180169	4,09E-05	TRUE
Rv2022c	256	36	2,830074999	0,830913217	4,4611099	8,15E-06	2,39E-05	5,43E-06	TRUE
Rv2024c	403	73	2,46481147	0,465649688	3,341849	0,0008322	0,001837788	0,00041703	TRUE
Rv2027c	200	17	3,556393349	1,557231567	6,5157609	7,23E-11	3,62E-10	8,20E-11	TRUE
Rv2028c	206	3	6,101538026	4,102376245	11,207699	3,74E-29	4,96E-28	1,13E-28	TRUE
Rv2029c	365	4	6,511752654	4,512590872	15,284504	9,70E-53	2,73E-51	6,20E-52	TRUE
Rv2030c	1708	355	2,266417045	0,267255263	4,0881589	4,35E-05	0,000116106	2,63E-05	TRUE
Rv2031c	2583	1432	0,851016151	-1,148145631	-27,61995	6,41E-168	7,90E-166	1,79E-166	TRUE
Rv2032	613	197	1,637691444	-0,361470338	-3,692911	0,0002217	0,000541083	0,00012278	TRUE
Rv2035	76	6	3,662965013	1,663803231	4,2128514	2,52E-05	6,96E-05	1,58E-05	TRUE
Rv2036	66	2	5,044394119	3,045232337	5,6558048	1,55E-08	6,26E-08	1,42E-08	TRUE
Rv2037c	233	25	3,220329955	1,221168173	5,8458299	5,04E-09	2,13E-08	4,84E-09	TRUE

Rv2040c	81	9	3,169925001	1,17076322	3,3333839	0,000858	0,001891455	0,00042921	TRUE
Rv2041c	113	74	0,610725597	-1,388436185	-7,275351	3,46E-13	2,05E-12	4,64E-13	TRUE
Rv2042c	160	20	3	1,000838218	4,1247074	3,71E-05	0,000100345	2,28E-05	TRUE
Rv2045c	288	215	0,421732152	-1,57742963	-13,63633	2,44E-42	4,98E-41	1,13E-41	TRUE
Rv2047c	473	159	1,572813418	-0,426348364	-3,869237	0,0001092	0,00027549	6,25E-05	TRUE
Rv2048c	8802	3554	1,30838769	-0,690774092	-28,39825	2,13E-177	2,99E-175	6,79E-176	TRUE
Rv2050	471	84	2,487265827	0,488104045	3,7723747	0,0001617	0,000399342	9,06E-05	TRUE
Rv2052c	190	316	-0,73392514	-2,733086922	-23,44512	1,48E-121	1,12E-119	2,55E-120	TRUE
Rv2053c	135	103	0,39031507	-1,608846712	-9,573363	1,03E-21	9,79E-21	2,22E-21	TRUE
Rv2057c	84	0	7,392317423	5,393155641	7,5228867	5,36E-14	3,30E-13	7,49E-14	TRUE
Rv2058c	56	1	5,807354922	3,80819314	5,7081512	1,14E-08	4,69E-08	1,06E-08	TRUE
Rv2059	166	22	2,915607813	0,916446031	3,903753	9,47E-05	0,00024092	5,47E-05	TRUE
Rv2066	162	112	0,532495081	-1,466666701	-9,327731	1,08E-20	9,63E-20	2,19E-20	TRUE
Rv2069	284	25	3,50589093	1,506729148	7,5787656	3,49E-14	2,20E-13	4,99E-14	TRUE
Rv2070c	63	58	0,119298928	-1,879862854	-8,008682	1,16E-15	8,01E-15	1,82E-15	TRUE
Rv2073c	37	1	5,209453366	3,210291584	4,3383447	1,44E-05	4,10E-05	9,30E-06	TRUE
Rv2077c	554	177	1,646136616	-0,353025166	-3,423595	0,000618	0,001403997	0,00031859	TRUE
Rv2078	63	3	4,392317423	2,393155641	4,862028	1,16E-06	3,80E-06	8,62E-07	TRUE
Rv2080	171	23	2,894290559	0,895128777	3,8842736	0,0001026	0,000259986	5,90E-05	TRUE
Rv2085	143	12	3,574908836	1,575747054	5,5571716	2,74E-08	1,08E-07	2,45E-08	TRUE
Rv2088	155	21	2,883806982	0,884645201	3,6614134	0,0002508	0,000607656	0,00013789	TRUE
Rv2092c	794	668	0,249290905	-1,749870877	-25,88601	9,57E-148	9,44E-146	2,14E-146	TRUE
Rv2094c	698	368	0,92352127	-1,075640512	-13,27234	3,35E-40	6,32E-39	1,43E-39	TRUE
Rv2097c	1103	94	3,552628224	1,553466442	15,276923	1,09E-52	3,05E-51	6,92E-52	TRUE
Rv2100	34	1	5,087462841	3,088301059	4,0861889	4,39E-05	0,000116898	2,65E-05	TRUE
Rv2101	1226	365	1,74799061	-0,251171172	-3,560907	0,0003696	0,000876494	0,00019889	TRUE
Rv2108	92	1	6,523561956	4,524400174	7,6778212	1,62E-14	1,04E-13	2,35E-14	TRUE
Rv2110c	1373	267	2,362419978	0,363258197	4,8993669	9,61E-07	3,15E-06	7,15E-07	TRUE
Rv2111c	409	138	1,567432576	-0,431729206	-3,646692	0,0002656	0,000642746	0,00014585	TRUE
Rv2112c	917	176	2,381346305	0,382184523	4,198283	2,69E-05	7,40E-05	1,68E-05	TRUE
Rv2113	67	52	0,365649472	-1,63351231	-6,876767	6,12E-12	3,32E-11	7,54E-12	TRUE
Rv2114	282	17	4,052088511	2,052926729	9,3603675	7,95E-21	7,11E-20	1,61E-20	TRUE
Rv2115c	2111	909	1,215574379	-0,783587403	-15,99281	1,43E-57	4,38E-56	9,95E-57	TRUE
Rv2116	49	1	5,614709844	3,615548062	5,2414631	1,59E-07	5,75E-07	1,30E-07	TRUE
Rv2121c	115	13	3,145050333	1,145888551	3,9042712	9,45E-05	0,000240715	5,46E-05	TRUE
Rv2124c	1640	580	1,499571009	-0,499590772	-8,5537	1,19E-17	9,04E-17	2,05E-17	TRUE
Rv2127	1784	212	3,072979445	1,073817663	14,596364	2,96E-48	7,08E-47	1,61E-47	TRUE

Rv2128	410	62	2,725283789	0,726122007	5,0242471	5,05E-07	1,71E-06	3,88E-07	TRUE
Rv2131c	376	138	1,446064395	-0,553097387	-4,574598	4,77E-06	1,44E-05	3,28E-06	TRUE
Rv2134c	631	251	1,329952641	-0,669209141	-7,316693	2,54E-13	1,52E-12	3,45E-13	TRUE
Rv2136c	656	107	2,616085018	0,616923236	5,5029672	3,73E-08	1,44E-07	3,27E-08	TRUE
Rv2137c	3176	686	2,210930431	0,211768649	4,4617978	8,13E-06	2,39E-05	5,42E-06	TRUE
Rv2139	263	29	3,180937994	1,181776212	6,0516409	1,43E-09	6,44E-09	1,46E-09	TRUE
Rv2140c	162	6	4,754887502	2,75572572	8,4311726	3,42E-17	2,52E-16	5,72E-17	TRUE
Rv2142A	120	12	3,321928095	1,322766313	4,464891	8,01E-06	2,36E-05	5,35E-06	TRUE
Rv2142c	85	4	4,409390936	2,410229154	5,6710086	1,42E-08	5,75E-08	1,30E-08	TRUE
Rv2143	157	65	1,272252936	-0,726908846	-4,003466	6,24E-05	0,000163147	3,70E-05	TRUE
Rv2144c	2191	279	2,973252457	0,974090675	14,930841	2,08E-50	5,39E-49	1,22E-49	TRUE
Rv2145c	1075	212	2,34220049	0,343038708	4,1079604	3,99E-05	0,000107316	2,44E-05	TRUE
Rv2147c	1041	110	3,24239464	1,243232858	12,533593	4,89E-36	8,42E-35	1,90E-35	TRUE
Rv2151c	460	79	2,541709303	0,542547521	4,1049637	4,04E-05	0,000108642	2,47E-05	TRUE
Rv2153c	204	81	1,332575339	-0,666586443	-4,14138	3,45E-05	9,40E-05	2,13E-05	TRUE
Rv2155c	241	92	1,38932738	-0,609834402	-4,07782	4,55E-05	0,000120737	2,74E-05	TRUE
Rv2156c	533	234	1,187627003	-0,811534779	-8,358125	6,37E-17	4,65E-16	1,05E-16	TRUE
Rv2158c	540	346	0,642187369	-1,356974412	-15,46233	6,23E-54	1,79E-52	4,07E-53	TRUE
Rv2159c	520	554	-0,091374353	-2,090536135	-26,54592	2,86E-155	3,23E-153	7,32E-154	TRUE
Rv2160A	425	1153	-1,439857767	-3,439019549	-49,87604	0	0	0	TRUE
Rv2161c	1220	834	0,548761859	-1,450399923	-25,25511	9,95E-141	9,13E-139	2,07E-139	TRUE
Rv2163c	1023	87	3,555646934	1,556485152	14,733161	3,95E-49	9,85E-48	2,24E-48	TRUE
Rv2164c	210	18	3,544320516	1,545158734	6,6387919	3,16E-11	1,62E-10	3,69E-11	TRUE
Rv2165c	514	47	3,451035698	1,451873916	9,9188345	3,45E-23	3,58E-22	8,12E-23	TRUE
Rv2166c	529	20	4,725195817	2,726034035	15,14977	7,60E-52	2,07E-50	4,69E-51	TRUE
Rv2171	133	8	4,055282436	2,056120654	6,4345738	1,24E-10	6,07E-10	1,38E-10	TRUE
Rv2176	164	15	3,450661409	1,451499627	5,6013245	2,13E-08	8,48E-08	1,92E-08	TRUE
Rv2178c	1543	172	3,165257592	1,16609581	14,506556	1,10E-47	2,59E-46	5,87E-47	TRUE
Rv2180c	66	6	3,459431619	1,460269837	3,5693531	0,0003579	0,000851019	0,00019305	TRUE
Rv2184c	742	258	1,524048121	-0,475113661	-5,446788	5,13E-08	1,94E-07	4,41E-08	TRUE
Rv2185c	943	147	2,681441616	0,682279834	7,21507	5,39E-13	3,15E-12	7,16E-13	TRUE
Rv2187	664	70	3,245756414	1,246594633	10,030517	1,12E-23	1,19E-22	2,71E-23	TRUE
Rv2189c	320	52	2,621488377	0,622326595	3,8731702	0,0001074	0,000271428	6,16E-05	TRUE
Rv2190c	2928	271	3,433550797	1,434389015	23,46943	8,37E-122	6,48E-120	1,47E-120	TRUE
Rv2191	50	34	0,556393349	-1,442768433	-5,076294	3,85E-07	1,33E-06	3,01E-07	TRUE
Rv2193	1691	263	2,684741955	0,685580173	9,704598	2,88E-22	2,81E-21	6,37E-22	TRUE
Rv2194	2244	301	2,898237284	0,899075502	14,129499	2,50E-45	5,48E-44	1,24E-44	TRUE

Rv2195	3603	655	2,45963184	0,460470058	9,8978286	4,25E-23	4,39E-22	9,97E-23	TRUE
Rv2196	4770	921	2,372716205	0,373554423	9,3821162	6,47E-21	5,82E-20	1,32E-20	TRUE
Rv2197c	376	135	1,477773255	-0,521388527	-4,288702	1,80E-05	5,06E-05	1,15E-05	TRUE
Rv2198c	2097	173	3,599482918	1,600321137	21,527648	8,58E-103	5,55E-101	1,26E-101	TRUE
Rv2199c	464	67	2,791891805	0,792730023	5,7682653	8,01E-09	3,34E-08	7,57E-09	TRUE
Rv2200c	1883	567	1,73161236	-0,267549422	-4,715183	2,41E-06	7,61E-06	1,73E-06	TRUE
Rv2202c	475	157	1,597162954	-0,401998828	-3,640567	0,000272	0,000657426	0,00014918	TRUE
Rv2203	212	10	4,40599236	2,406830578	8,9488788	3,59E-19	2,96E-18	6,71E-19	TRUE
Rv2204c	1348	792	0,767248161	-1,231913621	-21,71052	1,63E-104	1,09E-102	2,48E-103	TRUE
Rv2206	146	71	1,040077439	-0,959084343	-5,302891	1,14E-07	4,16E-07	9,45E-08	TRUE
Rv2209	168	78	1,106915204	-0,892246578	-5,231089	1,69E-07	6,06E-07	1,38E-07	TRUE
Rv2210c	351	57	2,622437206	0,623275424	4,0619867	4,87E-05	0,000128707	2,92E-05	TRUE
Rv2213	414	68	2,606024116	0,606862334	4,307617	1,65E-05	4,67E-05	1,06E-05	TRUE
Rv2214c	909	114	2,99524647	0,996084688	9,7942592	1,19E-22	1,19E-21	2,71E-22	TRUE
Rv2218	525	86	2,609908858	0,610747076	4,878728	1,07E-06	3,50E-06	7,94E-07	TRUE
Rv2219	710	221	1,683772655	-0,315389127	-3,440219	0,0005812	0,001325101	0,00030069	TRUE
Rv2220	1409	867	0,700567713	-1,298594069	-23,67065	7,24E-124	5,94E-122	1,35E-122	TRUE
Rv2222c	2043	315	2,69726547	0,698103688	10,839094	2,25E-27	2,78E-26	6,30E-27	TRUE
Rv2226	329	46	2,838381818	0,839220036	5,1006165	3,39E-07	1,18E-06	2,67E-07	TRUE
Rv2227	36	1	5,169925001	3,17076322	4,2556761	2,08E-05	5,83E-05	1,32E-05	TRUE
Rv2228c	395	142	1,475961724	-0,523200058	-4,412411	1,02E-05	2,98E-05	6,75E-06	TRUE
Rv2229c	355	160	1,14974712	-0,849414662	-7,186113	6,67E-13	3,88E-12	8,81E-13	TRUE
Rv2236c	24	43	-0,841302254	-2,840464036	-8,82155	1,13E-18	9,05E-18	2,05E-18	TRUE
Rv2238c	471	70	2,750300233	0,751138451	5,5465479	2,91E-08	1,14E-07	2,60E-08	TRUE
Rv2239c	900	181	2,313935304	0,314773522	3,4658283	0,0005286	0,001216337	0,00027601	TRUE
Rv2240c	132	73	0,85456956	-1,144592221	-6,214085	5,16E-10	2,40E-09	5,45E-10	TRUE
Rv2243	530	15	5,142957954	3,143796172	16,266574	1,70E-59	5,29E-58	1,20E-58	TRUE
Rv2244	3464	191	4,180794387	2,181632605	34,108731	5,48E-255	1,14E-252	2,58E-253	TRUE
Rv2245	4969	648	2,938889824	0,939728042	21,834338	1,10E-105	7,45E-104	1,69E-104	TRUE
Rv2246	1967	296	2,732327877	0,733166095	11,101839	1,23E-28	1,59E-27	3,62E-28	TRUE
Rv2247	1111	439	1,339565972	-0,65959581	-9,554872	1,24E-21	1,16E-20	2,63E-21	TRUE
Rv2248	209	22	3,247927513	1,248765732	5,6346611	1,75E-08	7,04E-08	1,60E-08	TRUE
Rv2253	27	1	4,754887502	2,75572572	3,4419603	0,0005775	0,001317362	0,00029893	TRUE
Rv2254c	68	3	4,502500341	2,503338559	5,1839205	2,17E-07	7,72E-07	1,75E-07	TRUE
Rv2258c	620	446	0,475224505	-1,523937277	-19,15393	8,98E-82	4,26E-80	9,68E-81	TRUE
Rv2259	407	165	1,30256277	-0,696599012	-6,145325	7,98E-10	3,66E-09	8,31E-10	TRUE
Rv2262c	109	53	1,04026387	-0,958897912	-4,580834	4,63E-06	1,41E-05	3,19E-06	TRUE

Rv2267c	46	2	4,523561956	2,524400174	4,2838592	1,84E-05	5,16E-05	1,17E-05	TRUE
Rv2271	101	6	4,073248982	2,0740872	5,6386995	1,71E-08	6,89E-08	1,56E-08	TRUE
Rv2274c	26	1	4,700439718	2,701277936	3,3422698	0,000831	0,001836031	0,00041663	TRUE
Rv2275	405	61	2,73104076	0,731878978	5,0280828	4,95E-07	1,68E-06	3,81E-07	TRUE
Rv2276	291	20	3,862947248	1,863785466	8,920175	4,66E-19	3,79E-18	8,61E-19	TRUE
Rv2285	179	24	2,898853277	0,899691495	3,9912019	6,57E-05	0,000171139	3,88E-05	TRUE
Rv2286c	137	13	3,397592365	1,398430583	4,9778875	6,43E-07	2,13E-06	4,84E-07	TRUE
Rv2290	456	78	2,547487795	0,548326013	4,1264682	3,68E-05	9,98E-05	2,26E-05	TRUE
Rv2294	131	8	4,033423002	2,03426122	6,3420953	2,27E-10	1,08E-09	2,45E-10	TRUE
Rv2295	727	85	3,096420618	1,097258836	9,4806305	2,53E-21	2,33E-20	5,29E-21	TRUE
Rv2299c	891	131	2,76585862	0,766696838	7,766476	8,07E-15	5,25E-14	1,19E-14	TRUE
Rv2304c	40	27	0,567040593	-1,432121189	-4,49854	6,84E-06	2,03E-05	4,61E-06	TRUE
Rv2306B	1	6	-2,584962501	-4,584124283	-3,931176	8,45E-05	0,000217052	4,93E-05	TRUE
Rv2307c	123	13	3,242074787	1,242913005	4,3066589	1,66E-05	4,69E-05	1,06E-05	TRUE
Rv2307D	86	3	4,841302254	2,842140472	6,2414013	4,34E-10	2,03E-09	4,60E-10	TRUE
Rv2309c	169	14	3,593524514	1,594362732	6,092992	1,11E-09	5,03E-09	1,14E-09	TRUE
Rv2314c	723	125	2,532067552	0,53290577	5,0636691	4,11E-07	1,41E-06	3,21E-07	TRUE
Rv2315c	444	72	2,624490865	0,625329083	4,5820501	4,60E-06	1,40E-05	3,17E-06	TRUE
Rv2317	52	4	3,700439718	1,701277936	3,5401555	0,0003999	0,000940472	0,00021341	TRUE
Rv2322c	43	2	4,426264755	2,427102973	4,0498856	5,12E-05	0,000135185	3,07E-05	TRUE
Rv2325c	255	96	1,409390936	-0,589770846	-4,042527	5,29E-05	0,000139313	3,16E-05	TRUE
Rv2326c	1727	584	1,564227809	-0,434933973	-7,556637	4,14E-14	2,59E-13	5,87E-14	TRUE
Rv2327	180	86	1,065588342	-0,93357344	-5,706239	1,15E-08	4,73E-08	1,07E-08	TRUE
Rv2329c	1188	225	2,40053793	0,401376148	5,0021678	5,67E-07	1,90E-06	4,32E-07	TRUE
Rv2330c	33	1	5,044394119	3,045232337	3,9992447	6,35E-05	0,000165865	3,76E-05	TRUE
Rv2331	618	54	3,516575526	1,517413744	11,238876	2,63E-29	3,50E-28	7,94E-29	TRUE
Rv2333c	275	117	1,232923089	-0,766238693	-5,623623	1,87E-08	7,48E-08	1,70E-08	TRUE
Rv2337c	283	47	2,590069391	0,590907609	3,4773398	0,0005064	0,001172126	0,00026598	TRUE
Rv2338c	675	77	3,131957151	1,132795369	9,3731321	7,04E-21	6,31E-20	1,43E-20	TRUE
Rv2339	548	55	3,316672369	1,317510588	9,5128571	1,85E-21	1,72E-20	3,91E-21	TRUE
Rv2342	111	115	-0,051074185	-2,050235966	-11,94167	7,18E-33	1,11E-31	2,51E-32	TRUE
Rv2345	315	47	2,744619167	0,745457385	4,5059149	6,61E-06	1,97E-05	4,46E-06	TRUE
Rv2346c	883	149	2,567101107	0,567939325	5,9279842	3,07E-09	1,34E-08	3,03E-09	TRUE
Rv2347c	557	81	2,781683514	0,782521733	6,2497438	4,11E-10	1,93E-09	4,39E-10	TRUE
Rv2349c	279	37	2,914667946	0,915506164	5,0566837	4,27E-07	1,46E-06	3,31E-07	TRUE
Rv2350c	379	39	3,280651819	1,281490037	7,742821	9,72E-15	6,32E-14	1,43E-14	TRUE
Rv2351c	92	7	3,716207034	1,717045252	4,7395508	2,14E-06	6,79E-06	1,54E-06	TRUE

Rv2352c	2152	740	1,540080902	-0,45908088	-8,942339	3,81E-19	3,12E-18	7,09E-19	TRUE
Rv2356c	2359	149	3,984791183	1,985629401	26,500416	9,59E-155	1,05E-152	2,38E-153	TRUE
Rv2357c	492	44	3,483082887	1,483921105	9,8634689	5,99E-23	6,11E-22	1,39E-22	TRUE
Rv2361c	230	37	2,636036685	0,636874903	3,3518704	0,0008027	0,001779513	0,00040381	TRUE
Rv2368c	908	147	2,626876142	0,627714361	6,5755468	4,85E-11	2,45E-10	5,57E-11	TRUE
Rv2369c	156	63	1,308122295	-0,691039487	-3,770262	0,0001631	0,000402234	9,13E-05	TRUE
Rv2370c	117	6	4,285402219	2,286240437	6,4482287	1,13E-10	5,57E-10	1,26E-10	TRUE
Rv2372c	213	89	1,258976189	-0,740185593	-4,759322	1,94E-06	6,18E-06	1,40E-06	TRUE
Rv2373c	912	297	1,618570893	-0,380590889	-4,758872	1,95E-06	6,19E-06	1,40E-06	TRUE
Rv2375	25	16	0,64385619	-1,355305592	-3,321122	0,0008966	0,001972138	0,00044752	TRUE
Rv2376c	793	305	1,378511623	-0,620650159	-7,543811	4,56E-14	2,83E-13	6,42E-14	TRUE
Rv2378c	71	4	4,14974712	2,150585338	4,837468	1,32E-06	4,29E-06	9,73E-07	TRUE
Rv2380c	320	45	2,830074999	0,830913217	4,9877414	6,11E-07	2,04E-06	4,63E-07	TRUE
Rv2382c	71	182	-1,358047521	-3,357209303	-19,61403	1,17E-85	5,79E-84	1,31E-84	TRUE
Rv2386c	56	4	3,807354922	1,80819314	3,8329945	0,0001266	0,000316001	7,17E-05	TRUE
Rv2388c	215	98	1,133483005	-0,865678776	-5,715271	1,10E-08	4,50E-08	1,02E-08	TRUE
Rv2389c	128	71	0,85025288	-1,148908901	-6,146872	7,90E-10	3,63E-09	8,24E-10	TRUE
Rv2391	2327	745	1,64315888	-0,356002902	-7,083515	1,41E-12	8,03E-12	1,82E-12	TRUE
Rv2392	541	238	1,184667021	-0,814494761	-8,455693	2,77E-17	2,06E-16	4,67E-17	TRUE
Rv2393	635	496	0,356416471	-1,642745311	-21,33055	5,91E-101	3,59E-99	8,14E-100	TRUE
Rv2394	668	303	1,140530309	-0,858631473	-9,981636	1,83E-23	1,93E-22	4,38E-23	TRUE
Rv2395A	1472	1377	0,096249112	-1,90291267	-39,37434	0	0	0	TRUE
Rv2396	409	137	1,57792495	-0,421236832	-3,551601	0,0003829	0,000904275	0,0002052	TRUE
Rv2400c	175	26	2,750771394	0,751609612	3,3825145	0,0007183	0,001604075	0,000364	TRUE
Rv2403c	299	119	1,329183911	-0,669977871	-5,042429	4,60E-07	1,56E-06	3,55E-07	TRUE
Rv2405	122	64	0,930737338	-1,068424444	-5,503367	3,73E-08	1,44E-07	3,27E-08	TRUE
Rv2409c	421	147	1,518004078	-0,481157704	-4,158887	3,20E-05	8,75E-05	1,98E-05	TRUE
Rv2411c	582	108	2,429987841	0,430826059	3,7383416	0,0001852	0,00045519	0,00010329	TRUE
Rv2412	277	10	4,791814071	2,792652289	11,101396	1,23E-28	1,60E-27	3,62E-28	TRUE
Rv2414c	318	161	0,981966077	-1,017195705	-8,384979	5,07E-17	3,71E-16	8,42E-17	TRUE
Rv2420c	255	10	4,672425342	2,67326356	10,409193	2,25E-25	2,60E-24	5,89E-25	TRUE
Rv2421c	1238	195	2,666465285	0,667303504	8,1070481	5,19E-16	3,64E-15	8,26E-16	TRUE
Rv2427c	990	161	2,620367837	0,621206055	6,8026549	1,03E-11	5,47E-11	1,24E-11	TRUE
Rv2430c	948	76	3,640815735	1,641653954	14,73947	3,60E-49	9,03E-48	2,05E-48	TRUE
Rv2431c	287	18	3,994981925	1,995820143	9,2716196	1,83E-20	1,62E-19	3,67E-20	TRUE
Rv2434c	75	35	1,099535674	-0,899626108	-3,528457	0,000418	0,000979532	0,00022227	TRUE
Rv2437	31	0	5,95419631	3,955034529	4,2999342	1,71E-05	4,82E-05	1,09E-05	TRUE

Rv2439c	87	175	-1,008267616	-3,007429398	-18,30599	7,41E-75	3,01E-73	6,84E-74	TRUE
Rv2440c	1072	460	1,22059914	-0,778562642	-11,30928	1,18E-29	1,61E-28	3,64E-29	TRUE
Rv2441c	1436	148	3,278386668	1,279224886	15,053722	3,26E-51	8,64E-50	1,96E-50	TRUE
Rv2442c	1491	245	2,605426603	0,606264821	8,1696251	3,09E-16	2,19E-15	4,96E-16	TRUE
Rv2448c	1558	214	2,864012532	0,86485075	11,390913	4,64E-30	6,45E-29	1,46E-29	TRUE
Rv2452c	137	1	7,098032083	5,098870301	9,5583881	1,20E-21	1,13E-20	2,55E-21	TRUE
Rv2455c	2317	379	2,611988291	0,612826509	10,284684	8,26E-25	9,34E-24	2,12E-24	TRUE
Rv2457c	3220	1152	1,482919972	-0,51624181	-12,42768	1,85E-35	3,09E-34	7,01E-35	TRUE
Rv2459	473	82	2,528144369	0,528982587	4,0680568	4,74E-05	0,000125569	2,85E-05	TRUE
Rv2460c	1179	243	2,278535499	0,279373717	3,5426405	0,0003961	0,000933882	0,00021192	TRUE
Rv2462c	1325	263	2,332857655	0,333695873	4,4439488	8,83E-06	2,58E-05	5,86E-06	TRUE
Rv2464c	163	20	3,026800059	1,027638277	4,2548728	2,09E-05	5,84E-05	1,32E-05	TRUE
Rv2466c	80	1	6,321928095	4,322766313	7,0837646	1,40E-12	8,03E-12	1,82E-12	TRUE
Rv2467	810	111	2,867362231	0,86820045	8,2390024	1,74E-16	1,24E-15	2,81E-16	TRUE
Rv2469c	98	54	0,859822342	-1,13933944	-5,324807	1,01E-07	3,73E-07	8,45E-08	TRUE
Rv2470	209	22	3,247927513	1,248765732	5,6346611	1,75E-08	7,04E-08	1,60E-08	TRUE
Rv2472	34	37	-0,121990524	-2,121152306	-6,921951	4,45E-12	2,44E-11	5,54E-12	TRUE
Rv2473	51	35	0,543142325	-1,456019457	-5,18579	2,15E-07	7,65E-07	1,74E-07	TRUE
Rv2476c	3033	598	2,342528108	0,343366327	6,9098048	4,85E-12	2,65E-11	6,01E-12	TRUE
Rv2477c	2579	322	3,00167918	1,002517398	16,591069	8,09E-62	2,68E-60	6,08E-61	TRUE
Rv2480c	23	0	5,523561956	3,524400174	3,5562161	0,0003762	0,000891213	0,00020223	TRUE
Rv2482c	620	202	1,617912923	-0,381248859	-3,930615	8,47E-05	0,000217418	4,93E-05	TRUE
Rv2485c	181	87	1,056902391	-0,942259391	-5,784009	7,29E-09	3,06E-08	6,94E-09	TRUE
Rv2486	69	7	3,301169535	1,302007753	3,3445175	0,0008243	0,001823772	0,00041359	TRUE
Rv2487c	141	17	3,052088511	1,052926729	4,0369654	5,41E-05	0,000142276	3,23E-05	TRUE
Rv2496c	925	280	1,724026538	-0,275135243	-3,401936	0,0006691	0,001507108	0,00034199	TRUE
Rv2497c	745	125	2,575312331	0,576150549	5,5157745	3,47E-08	1,35E-07	3,06E-08	TRUE
Rv2498c	187	80	1,224966365	-0,774195417	-4,691824	2,71E-06	8,47E-06	1,92E-06	TRUE
Rv2499c	189	21	3,169925001	1,17076322	5,0919335	3,54E-07	1,23E-06	2,79E-07	TRUE
Rv2500c	1778	231	2,944290567	0,945128786	13,114897	2,71E-39	5,06E-38	1,15E-38	TRUE
Rv2501c	695	109	2,672684843	0,673523061	6,1235288	9,15E-10	4,18E-09	9,48E-10	TRUE
Rv2503c	480	68	2,819427754	0,820265972	6,0417819	1,52E-09	6,83E-09	1,55E-09	TRUE
Rv2504c	506	65	2,960625762	0,96146398	7,0953197	1,29E-12	7,40E-12	1,68E-12	TRUE
Rv2505c	278	13	4,418501355	2,419339573	10,278661	8,79E-25	9,91E-24	2,25E-24	TRUE
Rv2507	386	66	2,548062918	0,548901136	3,8000953	0,0001446	0,000359007	8,15E-05	TRUE
Rv2510c	199	30	2,729734025	0,730572243	3,5188739	0,0004334	0,001013196	0,00022991	TRUE
Rv2513	102	12	3,087462841	1,088301059	3,5272057	0,00042	0,000983589	0,0002232	TRUE

Rv2514c	36	2	4,169925001	2,17076322	3,4647773	0,0005307	0,001218966	0,00027645	TRUE
Rv2518c	391	55	2,829665084	0,830503302	5,5111284	3,57E-08	1,38E-07	3,13E-08	TRUE
Rv2519	499	69	2,854371549	0,855209767	6,3838709	1,73E-10	8,41E-10	1,91E-10	TRUE
Rv2520c	105	7	3,906890596	1,907728814	5,4428063	5,24E-08	1,99E-07	4,51E-08	TRUE
Rv2521	320	126	1,344648171	-0,65451361	-5,082491	3,73E-07	1,29E-06	2,92E-07	TRUE
Rv2522c	161	99	0,701560258	-1,297601524	-7,98943	1,36E-15	9,33E-15	2,12E-15	TRUE
Rv2524c	3472	648	2,42170123	0,422539448	8,9744739	2,85E-19	2,37E-18	5,39E-19	TRUE
Rv2525c	423	35	3,595230836	1,596069054	9,6474345	5,04E-22	4,85E-21	1,10E-21	TRUE
Rv2527	86	3	4,841302254	2,842140472	6,2414013	4,34E-10	2,03E-09	4,60E-10	TRUE
Rv2530A	428	44	3,282035368	1,282873586	8,2351198	1,79E-16	1,28E-15	2,90E-16	TRUE
Rv2530c	69	6	3,523561956	1,524400174	3,7677475	0,0001647	0,000406053	9,21E-05	TRUE
Rv2532c	72	6	3,584962501	1,585800719	3,9614335	7,45E-05	0,000193057	4,38E-05	TRUE
Rv2533c	142	69	1,041222663	-0,957939119	-5,222454	1,77E-07	6,33E-07	1,44E-07	TRUE
Rv2534c	268	34	2,978626349	0,979464567	5,2437703	1,57E-07	5,68E-07	1,29E-07	TRUE
Rv2540c	319	146	1,127588055	-0,871573727	-7,016518	2,27E-12	1,28E-11	2,91E-12	TRUE
Rv2542	79	179	-1,180035029	-3,179196811	-18,99743	1,79E-80	8,41E-79	1,91E-79	TRUE
Rv2548	111	4	4,794415866	2,795254084	7,0307221	2,05E-12	1,16E-11	2,63E-12	TRUE
Rv2548A	529	49	3,432414068	1,433252286	9,9656005	2,16E-23	2,26E-22	5,12E-23	TRUE
Rv2549c	30	27	0,152003093	-1,847158688	-5,399583	6,68E-08	2,51E-07	5,70E-08	TRUE
Rv2551c	53	38	0,479992941	-1,519168841	-5,576475	2,45E-08	9,72E-08	2,21E-08	TRUE
Rv2553c	562	96	2,549463819	0,550302038	4,5960922	4,30E-06	1,32E-05	2,98E-06	TRUE
Rv2556c	729	129	2,498547749	0,499385967	4,7925866	1,65E-06	5,29E-06	1,20E-06	TRUE
Rv2557	323	619	-0,938405245	-2,937567026	-34,04478	4,85E-254	9,56E-252	2,17E-252	TRUE
Rv2558	565	412	0,45560653	-1,543555252	-18,58262	4,44E-77	1,93E-75	4,37E-76	TRUE
Rv2560	173	3	5,849665727	3,850503945	10,070308	7,47E-24	8,03E-23	1,82E-23	TRUE
Rv2561	229	13	4,13876407	2,139602288	8,6600228	4,72E-18	3,65E-17	8,29E-18	TRUE
Rv2564	223	86	1,374635145	-0,624526637	-4,027301	5,64E-05	0,000148053	3,36E-05	TRUE
Rv2566	299	38	2,976074161	0,976912379	5,526798	3,26E-08	1,27E-07	2,89E-08	TRUE
Rv2568c	169	17	3,313416595	1,314254813	5,2723534	1,35E-07	4,89E-07	1,11E-07	TRUE
Rv2574	242	27	3,163975735	1,164813953	5,7385106	9,55E-09	3,95E-08	8,95E-09	TRUE
Rv2576c	1043	118	3,143880393	1,144718611	11,750482	7,02E-32	1,03E-30	2,34E-31	TRUE
Rv2581c	212	27	2,973032952	0,973871171	4,6416561	3,46E-06	1,07E-05	2,43E-06	TRUE
Rv2582	293	20	3,87282876	1,873666978	8,9828382	2,64E-19	2,21E-18	5,01E-19	TRUE
Rv2584c	736	543	0,438753568	-1,560408214	-21,5052	1,39E-102	8,85E-101	2,01E-101	TRUE
Rv2585c	880	151	2,542954974	0,543793192	5,6900683	1,27E-08	5,17E-08	1,17E-08	TRUE
Rv2588c	209	113	0,88718017	-1,111981612	-7,553876	4,22E-14	2,64E-13	5,98E-14	TRUE
Rv2590	1743	1377	0,34004401	-1,659117772	-35,8138	6,73E-281	1,56E-278	3,55E-279	TRUE

Rv2591	261	129	1,016678741	-0,982483041	-7,292999	3,03E-13	1,80E-12	4,09E-13	TRUE
Rv2592c	244	40	2,608809243	0,609647461	3,3204241	0,0008988	0,001975975	0,00044839	TRUE
Rv2593c	101	10	3,336283388	1,337121606	4,1303497	3,62E-05	9,83E-05	2,23E-05	TRUE
Rv2595	70	34	1,041820176	-0,957341606	-3,663962	0,0002483	0,000602192	0,00013661	TRUE
Rv2599	76	6	3,662965013	1,663803231	4,2128514	2,52E-05	6,96E-05	1,58E-05	TRUE
Rv2600	25	23	0,120294234	-1,878867548	-5,041349	4,62E-07	1,57E-06	3,57E-07	TRUE
Rv2602	107	9	3,571541985	1,572380203	4,799539	1,59E-06	5,15E-06	1,17E-06	TRUE
Rv2603c	705	79	3,157698699	1,158536917	9,7532775	1,79E-22	1,76E-21	3,99E-22	TRUE
Rv2604c	221	120	0,881011964	-1,118149818	-7,819189	5,32E-15	3,49E-14	7,93E-15	TRUE
Rv2606c	895	86	3,379479117	1,380317336	12,599588	2,12E-36	3,69E-35	8,37E-36	TRUE
Rv2608	133	18	2,885357434	0,886195652	3,3966478	0,0006822	0,00153303	0,00034782	TRUE
Rv2613c	306	45	2,765534746	0,766372964	4,549154	5,39E-06	1,62E-05	3,67E-06	TRUE
Rv2614c	891	169	2,398402185	0,399240403	4,3102283	1,63E-05	4,62E-05	1,05E-05	TRUE
Rv2616	16	13	0,299560282	-1,6996015	-3,536667	0,0004052	0,000950713	0,00021574	TRUE
Rv2619c	65	5	3,700439718	1,701277936	3,9580224	7,56E-05	0,000195577	4,44E-05	TRUE
Rv2623	890	708	0,330055976	-1,669105806	-25,77899	1,53E-146	1,47E-144	3,33E-145	TRUE
Rv2624c	180	2	6,491853096	4,492691314	10,722957	7,94E-27	9,55E-26	2,17E-26	TRUE
Rv2625c	555	37	3,906890596	1,907728814	12,51422	6,24E-36	1,06E-34	2,40E-35	TRUE
Rv2627c	417	213	0,969193953	-1,029967829	-9,744392	1,95E-22	1,91E-21	4,34E-22	TRUE
Rv2628	118	81	0,542793046	-1,456368735	-7,890694	3,01E-15	2,03E-14	4,60E-15	TRUE
Rv2631	233	31	2,909989834	0,910828052	4,6011319	4,20E-06	1,29E-05	2,92E-06	TRUE
Rv2632c	500	73	2,775959726	0,776797944	5,8837836	4,01E-09	1,72E-08	3,89E-09	TRUE
Rv2633c	1082	68	3,992021943	1,992860161	17,986901	2,47E-72	9,83E-71	2,23E-71	TRUE
Rv2634c	299	31	3,269805364	1,270643582	6,8317768	8,39E-12	4,49E-11	1,02E-11	TRUE
Rv2639c	172	65	1,403896942	-0,59526484	-3,35409	0,0007963	0,001767284	0,00040103	TRUE
Rv2641	259	19	3,768880774	1,769718992	8,121997	4,59E-16	3,22E-15	7,32E-16	TRUE
Rv2666	31	0	5,95419631	3,955034529	4,2999342	1,71E-05	4,82E-05	1,09E-05	TRUE
Rv2668	44	52	-0,2410081	-2,240169881	-8,489548	2,07E-17	1,55E-16	3,52E-17	TRUE
Rv2669	19	25	-0,395928676	-2,395090458	-6,126725	8,97E-10	4,10E-09	9,30E-10	TRUE
Rv2670c	57	2	4,832890014	2,833728232	5,0735823	3,90E-07	1,34E-06	3,05E-07	TRUE
Rv2673	361	52	2,795415309	0,796253527	5,1072945	3,27E-07	1,14E-06	2,58E-07	TRUE
Rv2674	186	73	1,349334252	-0,64982753	-3,843827	0,0001211	0,000303326	6,88E-05	TRUE
Rv2678c	245	97	1,336725097	-0,662436685	-4,507077	6,57E-06	1,96E-05	4,44E-06	TRUE
Rv2681	265	33	3,00545443	1,006292648	5,3323085	9,70E-08	3,59E-07	8,14E-08	TRUE
Rv2687c	115	6	4,26052755	2,261365768	6,3506369	2,14E-10	1,03E-09	2,33E-10	TRUE
Rv2691	199	26	2,936184902	0,937023121	4,3546427	1,33E-05	3,82E-05	8,66E-06	TRUE
Rv2694c	484	56	3,111508315	1,112346533	7,8210895	5,24E-15	3,45E-14	7,82E-15	TRUE

Rv2696c	1032	337	1,614622474	-0,384539308	-5,118507	3,08E-07	1,07E-06	2,44E-07	TRUE
Rv2698	88	3	4,874469118	2,875307336	6,3506319	2,14E-10	1,03E-09	2,33E-10	TRUE
Rv2699c	219	83	1,399747628	-0,599414154	-3,813896	0,0001368	0,000340171	7,72E-05	TRUE
Rv2703	2798	472	2,567537198	0,568375416	10,564475	4,35E-26	5,13E-25	1,16E-25	TRUE
Rv2704	499	78	2,677493786	0,678332005	5,2211728	1,78E-07	6,36E-07	1,44E-07	TRUE
Rv2707	499	57	3,130005991	1,130844209	8,047601	8,44E-16	5,84E-15	1,33E-15	TRUE
Rv2709	240	86	1,480625841	-0,518535941	-3,405806	0,0006597	0,001488457	0,00033776	TRUE
Rv2710	1685	552	1,610008419	-0,389153363	-6,625589	3,46E-11	1,77E-10	4,01E-11	TRUE
Rv2711	1754	634	1,468094002	-0,53106778	-9,45521	3,22E-21	2,95E-20	6,69E-21	TRUE
Rv2712c	30	23	0,38332864	-1,615833142	-4,537775	5,69E-06	1,70E-05	3,87E-06	TRUE
Rv2713	769	419	0,876033354	-1,123128428	-14,66676	1,05E-48	2,58E-47	5,85E-48	TRUE
Rv2714	369	48	2,942514505	0,943352723	5,9635096	2,47E-09	1,09E-08	2,46E-09	TRUE
Rv2720	327	175	0,901935714	-1,097226068	-9,299937	1,41E-20	1,25E-19	2,83E-20	TRUE
Rv2721c	1372	195	2,814734452	0,815572671	10,166392	2,80E-24	3,11E-23	7,06E-24	TRUE
Rv2722	71	2	5,14974712	3,150585338	5,959282	2,53E-09	1,11E-08	2,52E-09	TRUE
Rv2725c	602	205	1,554139577	-0,445022205	-4,571248	4,85E-06	1,47E-05	3,32E-06	TRUE
Rv2726c	460	155	1,569365646	-0,429796136	-3,848835	0,0001187	0,000297381	6,75E-05	TRUE
Rv2728c	127	17	2,901221846	0,902060064	3,3692859	0,0007536	0,001678332	0,00038085	TRUE
Rv2730	34	1	5,087462841	3,088301059	4,0861889	4,39E-05	0,000116898	2,65E-05	TRUE
Rv2731	226	83	1,445139531	-0,554022251	-3,552922	0,000381	0,000901904	0,00020466	TRUE
Rv2733c	274	46	2,574470127	0,575308345	3,3402846	0,0008369	0,001847138	0,00041915	TRUE
Rv2735c	158	11	3,84434913	1,845187348	6,5281626	6,66E-11	3,34E-10	7,58E-11	TRUE
Rv2741	245	104	1,236198221	-0,762963561	-5,282277	1,28E-07	4,64E-07	1,05E-07	TRUE
Rv2743c	270	124	1,122619287	-0,876542495	-6,497447	8,17E-11	4,06E-10	9,22E-11	TRUE
Rv2745c	1058	495	1,095839197	-0,903322585	-13,32061	1,76E-40	3,38E-39	7,67E-40	TRUE
Rv2746c	146	9	4,019899557	2,020737776	6,6664633	2,62E-11	1,35E-10	3,07E-11	TRUE
Rv2747	103	7	3,879145605	1,879983823	5,3379226	9,40E-08	3,49E-07	7,91E-08	TRUE
Rv2748c	1955	312	2,647550673	0,648388891	9,9330799	2,99E-23	3,11E-22	7,06E-23	TRUE
Rv2750	166	19	3,127111918	1,127950136	4,6317701	3,63E-06	1,12E-05	2,54E-06	TRUE
Rv2752c	814	143	2,509013647	0,509851866	5,1611572	2,45E-07	8,67E-07	1,97E-07	TRUE
Rv2753c	959	194	2,305474163	0,306312381	3,4866243	0,0004892	0,001135514	0,00025767	TRUE
Rv2757c	65	2	5,022367813	3,023206031	5,5935054	2,23E-08	8,85E-08	2,01E-08	TRUE
Rv2762c	24	16	0,584962501	-1,414199281	-3,430251	0,000603	0,00137158	0,00031124	TRUE
Rv2764c	474	69	2,780218792	0,78105701	5,7558895	8,62E-09	3,58E-08	8,13E-09	TRUE
Rv2770c	259	32	3,016808288	1,017646506	5,3205898	1,03E-07	3,80E-07	8,63E-08	TRUE
Rv2778c	607	88	2,786121088	0,786959306	6,5562506	5,52E-11	2,78E-10	6,31E-11	TRUE
Rv2779c	74	6	3,624490865	1,625329083	4,0880853	4,35E-05	0,000116065	2,63E-05	TRUE

Rv2781c	274	459	-0,74431826	-2,743480042	-28,3145	2,29E-176	3,12E-174	7,07E-175	TRUE
Rv2782c	490	161	1,605721061	-0,393440721	-3,613538	0,000302	0,000725059	0,00016453	TRUE
Rv2783c	2422	393	2,623597647	0,624435866	10,693042	1,10E-26	1,32E-25	2,98E-26	TRUE
Rv2784c	475	57	3,058893689	1,059731907	7,4491532	9,39E-14	5,72E-13	1,30E-13	TRUE
Rv2785c	1058	93	3,507965101	1,508803319	14,644713	1,46E-48	3,52E-47	8,00E-48	TRUE
Rv2788	294	39	2,914270126	0,915108344	5,188955	2,11E-07	7,53E-07	1,71E-07	TRUE
Rv2789c	768	119	2,690144737	0,690982956	6,5841182	4,58E-11	2,32E-10	5,26E-11	TRUE
Rv2791c	3893	735	2,40506619	0,405904408	9,1562525	5,37E-20	4,68E-19	1,06E-19	TRUE
Rv2792c	208	128	0,700439718	-1,298722064	-9,090818	9,83E-20	8,45E-19	1,92E-19	TRUE
Rv2793c	232	141	0,718429643	-1,280732139	-9,438608	3,78E-21	3,45E-20	7,83E-21	TRUE
Rv2794c	413	170	1,280607035	-0,718554747	-6,409933	1,46E-10	7,12E-10	1,61E-10	TRUE
Rv2795c	450	69	2,705256734	0,706094953	5,1362979	2,80E-07	9,82E-07	2,23E-07	TRUE
Rv2799	183	83	1,140660407	-0,858501375	-5,22254	1,76E-07	6,33E-07	1,44E-07	TRUE
Rv2801A	70	34	1,041820176	-0,957341606	-3,663962	0,0002483	0,000602192	0,00013661	TRUE
Rv2803	12	14	-0,222392421	-2,221554203	-4,382431	1,17E-05	3,39E-05	7,70E-06	TRUE
Rv2808	130	17	2,934904972	0,93574319	3,5155569	0,0004388	0,001024419	0,00023239	TRUE
Rv2809	207	20	3,371558863	1,372397081	6,0321702	1,62E-09	7,24E-09	1,64E-09	TRUE
Rv2816c	121	15	3,011972642	1,01281086	3,6223114	0,000292	0,000703039	0,00015953	TRUE
Rv2822c	27	19	0,506959989	-1,492201793	-3,891259	9,97E-05	0,000253099	5,74E-05	TRUE
Rv2823c	112	57	0,974464908	-1,024696874	-5,018989	5,19E-07	1,75E-06	3,97E-07	TRUE
Rv2825c	409	283	0,53129879	-1,467862992	-14,83801	8,32E-50	2,13E-48	4,83E-49	TRUE
Rv2826c	60	32	0,906890596	-1,092271186	-3,961817	7,44E-05	0,000192874	4,38E-05	TRUE
Rv2832c	39	32	0,285402219	-1,713759563	-5,58136	2,39E-08	9,47E-08	2,15E-08	TRUE
Rv2836c	290	113	1,359730128	-0,639431654	-4,714505	2,42E-06	7,63E-06	1,73E-06	TRUE
Rv2837c	658	320	1,040015679	-0,959146103	-11,26085	2,05E-29	2,76E-28	6,25E-29	TRUE
Rv2838c	397	150	1,404176507	-0,594985275	-5,093488	3,52E-07	1,22E-06	2,77E-07	TRUE
Rv2839c	4017	538	2,900440383	0,901278602	18,950718	4,36E-80	2,02E-78	4,59E-79	TRUE
Rv2840c	592	219	1,434666306	-0,564495476	-5,870426	4,35E-09	1,85E-08	4,20E-09	TRUE
Rv2845c	438	59	2,89214401	0,892982228	6,2042913	5,49E-10	2,55E-09	5,79E-10	TRUE
Rv2847c	163	76	1,100800641	-0,898361141	-5,193459	2,06E-07	7,35E-07	1,67E-07	TRUE
Rv2848c	95	55	0,788495895	-1,210665887	-5,640162	1,70E-08	6,84E-08	1,55E-08	TRUE
Rv2849c	623	205	1,603608254	-0,395553528	-4,098102	4,17E-05	0,000111761	2,54E-05	TRUE
Rv2850c	525	199	1,399548992	-0,59961279	-5,907891	3,47E-09	1,50E-08	3,39E-09	TRUE
Rv2852c	519	54	3,264703226	1,265541444	8,9729686	2,89E-19	2,40E-18	5,45E-19	TRUE
Rv2854	116	11	3,398549376	1,399387595	4,5828669	4,59E-06	1,39E-05	3,16E-06	TRUE
Rv2855	159	92	0,789320999	-1,209840783	-7,29092	3,08E-13	1,83E-12	4,15E-13	TRUE
Rv2857c	381	67	2,507557997	0,508396215	3,5214363	0,0004292	0,001004049	0,00022784	TRUE

Rv2861c	318	45	2,821029859	0,821868077	4,9257182	8,41E-07	2,77E-06	6,28E-07	TRUE
Rv2864c	277	32	3,113742166	1,114580384	5,926114	3,10E-09	1,35E-08	3,06E-09	TRUE
Rv2867c	441	164	1,427082841	-0,572078941	-5,141282	2,73E-07	9,59E-07	2,18E-07	TRUE
Rv2868c	2320	890	1,382247564	-0,616914218	-12,82424	1,20E-37	2,11E-36	4,79E-37	TRUE
Rv2871	32	0	6	4,000838218	4,3843944	1,16E-05	3,37E-05	7,64E-06	TRUE
Rv2872	57	5	3,510961919	1,511800137	3,4035916	0,0006651	0,001498858	0,00034012	TRUE
Rv2876	154	18	3,096861539	1,097699757	4,3643811	1,27E-05	3,66E-05	8,30E-06	TRUE
Rv2879c	951	143	2,733430194	0,734268412	7,727764	1,09E-14	7,09E-14	1,61E-14	TRUE
Rv2881c	677	119	2,50819426	0,509032478	4,6997853	2,60E-06	8,17E-06	1,85E-06	TRUE
Rv2882c	744	139	2,420217738	0,421055957	4,1380412	3,50E-05	9,52E-05	2,16E-05	TRUE
Rv2885c	197	162	0,282201817	-1,716959965	-12,57557	2,88E-36	4,98E-35	1,13E-35	TRUE
Rv2886c	357	62	2,525583954	0,526422172	3,5185521	0,0004339	0,001013824	0,00023006	TRUE
Rv2888c	1156	211	2,453826494	0,454664712	5,5379941	3,06E-08	1,20E-07	2,72E-08	TRUE
Rv2889c	635	121	2,391749544	0,392587763	3,5819827	0,000341	0,000813605	0,00018462	TRUE
Rv2890c	487	77	2,660991421	0,66182964	5,046929	4,49E-07	1,53E-06	3,47E-07	TRUE
Rv2895c	529	68	2,959661071	0,960499289	7,2487522	4,21E-13	2,48E-12	5,62E-13	TRUE
Rv2902c	1086	616	0,818021847	-1,181139935	-18,51767	1,49E-76	6,38E-75	1,45E-75	TRUE
Rv2903c	953	165	2,53001019	0,530848408	5,7935071	6,89E-09	2,90E-08	6,58E-09	TRUE
Rv2904c	1492	268	2,47694263	0,477780848	6,5855259	4,53E-11	2,30E-10	5,22E-11	TRUE
Rv2906c	73	2	5,189824559	3,190662777	6,0771474	1,22E-09	5,53E-09	1,26E-09	TRUE
Rv2907c	228	25	3,189033824	1,189872043	5,6652031	1,47E-08	5,93E-08	1,35E-08	TRUE
Rv2908c	366	56	2,708344916	0,709183134	4,6498518	3,32E-06	1,03E-05	2,34E-06	TRUE
Rv2909c	267	23	3,537133976	1,537972194	7,4602861	8,63E-14	5,27E-13	1,20E-13	TRUE
Rv2910c	56	28	1	-0,999161782	-3,445164	0,0005707	0,001303356	0,00029576	TRUE
Rv2916c	1205	177	2,767211881	0,768050099	9,0463373	1,48E-19	1,26E-18	2,85E-19	TRUE
Rv2918c	308	122	1,336049203	-0,663112579	-5,059307	4,21E-07	1,44E-06	3,27E-07	TRUE
Rv2919c	468	166	1,495325288	-0,503836494	-4,60973	4,03E-06	1,24E-05	2,81E-06	TRUE
Rv2922A	23	78	-1,761840263	-3,761002045	-13,41212	5,14E-41	1,00E-39	2,28E-40	TRUE
Rv2922c	739	234	1,659065835	-0,340095947	-3,801003	0,0001441	0,00035792	8,12E-05	TRUE
Rv2923c	190	101	0,911644126	-1,087517656	-7,014025	2,32E-12	1,30E-11	2,96E-12	TRUE
Rv2926c	1181	483	1,289913871	-0,709247911	-10,68474	1,20E-26	1,43E-25	3,25E-26	TRUE
Rv2927c	2040	401	2,34689501	0,347733229	5,733156	9,86E-09	4,06E-08	9,22E-09	TRUE
Rv2928	765	61	3,6485786	1,649416818	13,284949	2,83E-40	5,37E-39	1,22E-39	TRUE
Rv2929	425	22	4,271887412	2,272725631	12,246211	1,76E-34	2,87E-33	6,51E-34	TRUE
Rv2931	2131	298	2,838146357	0,838984575	12,983175	1,52E-38	2,81E-37	6,37E-38	TRUE
Rv2932	1264	124	3,349584438	1,350422656	14,726128	4,38E-49	1,09E-47	2,47E-48	TRUE
Rv2933	1673	156	3,422819511	1,423657729	17,636652	1,29E-69	4,80E-68	1,09E-68	TRUE

Rv2934	1243	105	3,565365063	1,566203282	16,31478	7,75E-60	2,44E-58	5,55E-59	TRUE
Rv2935	2396	258	3,215184937	1,216023155	18,691442	5,81E-78	2,58E-76	5,84E-77	TRUE
Rv2936	727	49	3,89110171	1,891939928	14,243437	4,92E-46	1,10E-44	2,49E-45	TRUE
Rv2937	229	16	3,839203788	1,840042006	7,8443934	4,35E-15	2,89E-14	6,57E-15	TRUE
Rv2938	343	51	2,749639424	0,750477642	4,7294925	2,25E-06	7,12E-06	1,62E-06	TRUE
Rv2939	501	74	2,759213428	0,760051646	5,7794465	7,49E-09	3,13E-08	7,11E-09	TRUE
Rv2940c	8610	1666	2,369624837	0,370463055	12,519624	5,83E-36	9,96E-35	2,26E-35	TRUE
Rv2941	3254	1049	1,633199573	-0,365962209	-8,628288	6,23E-18	4,81E-17	1,09E-17	TRUE
Rv2942	1678	328	2,354974996	0,355813214	5,3125344	1,08E-07	3,96E-07	8,99E-08	TRUE
Rv2945c	544	95	2,517607233	0,518445451	4,2836914	1,84E-05	5,16E-05	1,17E-05	TRUE
Rv2950c	3851	826	2,221019436	0,221857654	5,1390981	2,76E-07	9,69E-07	2,20E-07	TRUE
Rv2951c	621	220	1,497089745	-0,502072037	-5,29011	1,22E-07	4,45E-07	1,01E-07	TRUE
Rv2954c	491	91	2,431784574	0,432622792	3,4468359	0,0005672	0,001296817	0,00029427	TRUE
Rv2957	124	11	3,494764692	1,49560291	4,9803144	6,35E-07	2,11E-06	4,79E-07	TRUE
Rv2959c	740	64	3,531381461	1,532219679	12,386711	3,08E-35	5,11E-34	1,16E-34	TRUE
Rv2960c	83	2	5,375039431	3,375877649	6,6396405	3,14E-11	1,62E-10	3,67E-11	TRUE
Rv2962c	423	39	3,439111634	1,439949852	8,9424879	3,81E-19	3,13E-18	7,09E-19	TRUE
Rv2963	261	109	1,259721672	-0,73944011	-5,262469	1,42E-07	5,16E-07	1,17E-07	TRUE
Rv2964	111	6	4,209453366	2,210291584	6,1525083	7,63E-10	3,51E-09	7,96E-10	TRUE
Rv2967c	868	273	1,668794092	-0,33036769	-3,995007	6,47E-05	0,000168748	3,83E-05	TRUE
Rv2971	367	43	3,093371498	1,094209716	6,7203709	1,81E-11	9,51E-11	2,16E-11	TRUE
Rv2977c	264	145	0,864485029	-1,134676753	-8,697445	3,39E-18	2,65E-17	6,02E-18	TRUE
Rv2978c	145	149	-0,03925943	-2,038421212	-13,54244	8,78E-42	1,75E-40	3,97E-41	TRUE
Rv2985	171	139	0,298911442	-1,70025034	-11,56863	5,94E-31	8,55E-30	1,94E-30	TRUE
Rv2986c	1262	148	3,092042829	1,092881047	12,451994	1,36E-35	2,29E-34	5,19E-35	TRUE
Rv2993c	156	13	3,584962501	1,585800719	5,8311537	5,50E-09	2,32E-08	5,27E-09	TRUE
Rv2995c	414	154	1,426700417	-0,572461365	-4,985024	6,20E-07	2,07E-06	4,69E-07	TRUE
Rv3005c	927	100	3,212569339	1,213407557	11,60327	3,97E-31	5,73E-30	1,30E-30	TRUE
Rv3008	320	38	3,074000581	1,0748388	6,1848893	6,21E-10	2,87E-09	6,52E-10	TRUE
Rv3010c	1061	165	2,684886727	0,685724945	7,6874458	1,50E-14	9,66E-14	2,19E-14	TRUE
Rv3013	41	32	0,357552005	-1,641609777	-5,413649	6,18E-08	2,33E-07	5,28E-08	TRUE
Rv3018c	100	4	4,64385619	2,644694408	6,480718	9,13E-11	4,52E-10	1,03E-10	TRUE
Rv3024c	313	140	1,16073583	-0,838425952	-6,647568	2,98E-11	1,53E-10	3,48E-11	TRUE
Rv3027c	155	15	3,36923381	1,370072028	5,2130132	1,86E-07	6,63E-07	1,50E-07	TRUE
Rv3028c	1089	209	2,381429107	0,382267325	4,5762283	4,73E-06	1,43E-05	3,25E-06	TRUE
Rv3029c	2413	345	2,806159649	0,806997867	13,363567	9,87E-41	1,91E-39	4,33E-40	TRUE
Rv3039c	61	33	0,886343218	-1,112818564	-4,084361	4,42E-05	0,000117703	2,67E-05	TRUE

Rv3041c	211	96	1,136136688	-0,863025094	-5,641896	1,68E-08	6,78E-08	1,54E-08	TRUE
Rv3043c	2194	660	1,733025596	-0,266136186	-5,062066	4,15E-07	1,42E-06	3,23E-07	TRUE
Rv3045	953	473	1,010636031	-0,988525751	-14,04016	8,85E-45	1,90E-43	4,31E-44	TRUE
Rv3047c	139	10	3,797012978	1,797851196	6,0151214	1,80E-09	7,98E-09	1,81E-09	TRUE
Rv3048c	1024	121	3,081136763	1,081974981	11,125108	9,47E-29	1,24E-27	2,81E-28	TRUE
Rv3049c	811	251	1,69201455	-0,307147232	-3,575697	0,0003493	0,000832904	0,000189	TRUE
Rv3050c	745	120	2,63420602	0,635044238	6,0178419	1,77E-09	7,87E-09	1,79E-09	TRUE
Rv3051c	6688	1335	2,324735106	0,325573324	9,7683083	1,54E-22	1,52E-21	3,45E-22	TRUE
Rv3052c	3132	602	2,379248821	0,380087039	7,7234067	1,13E-14	7,32E-14	1,66E-14	TRUE
Rv3053c	838	141	2,571255081	0,572093299	5,8129455	6,14E-09	2,59E-08	5,87E-09	TRUE
Rv3054c	65	0	7,022367813	5,023206031	6,5717477	4,97E-11	2,51E-10	5,71E-11	TRUE
Rv3058c	411	63	2,70571466	0,706552878	4,911432	9,04E-07	2,97E-06	6,75E-07	TRUE
Rv3059	500	78	2,680382066	0,681220284	5,2460297	1,55E-07	5,62E-07	1,27E-07	TRUE
Rv3062	142	12	3,564784619	1,565622837	5,5117879	3,55E-08	1,38E-07	3,13E-08	TRUE
Rv3069	23	20	0,201633861	-1,797527921	-4,561399	5,08E-06	1,53E-05	3,48E-06	TRUE
Rv3072c	133	54	1,300394933	-0,698766849	-3,524865	0,0004237	0,000991732	0,00022504	TRUE
Rv3075c	1101	153	2,847210911	0,848049129	9,4160984	4,68E-21	4,24E-20	9,63E-21	TRUE
Rv3077	150	65	1,206450877	-0,792710904	-4,316366	1,59E-05	4,51E-05	1,02E-05	TRUE
Rv3078	100	8	3,64385619	1,644694408	4,7928343	1,64E-06	5,29E-06	1,20E-06	TRUE
Rv3083	221	12	4,202940059	2,203778277	8,6656627	4,49E-18	3,49E-17	7,91E-18	TRUE
Rv3093c	230	9	4,67556505	2,676403268	9,891978	4,51E-23	4,62E-22	1,05E-22	TRUE
Rv3095	208	25	3,056583528	1,057421746	4,9203357	8,64E-07	2,84E-06	6,45E-07	TRUE
Rv3096	386	53	2,864536583	0,865374801	5,6713106	1,42E-08	5,75E-08	1,30E-08	TRUE
Rv3098A	146	16	3,189824559	1,190662777	4,5357248	5,74E-06	1,72E-05	3,90E-06	TRUE
Rv3099c	440	55	3	1,000838218	6,8404434	7,89E-12	4,25E-11	9,64E-12	TRUE
Rv3100c	176	23	2,935869663	0,936707881	4,0940943	4,24E-05	0,00011348	2,58E-05	TRUE
Rv3101c	322	34	3,243454037	1,244292255	6,9744488	3,07E-12	1,71E-11	3,88E-12	TRUE
Rv3102c	251	22	3,512111935	1,512950153	7,1465252	8,90E-13	5,15E-12	1,17E-12	TRUE
Rv3103c	95	9	3,399930607	1,400768825	4,1504285	3,32E-05	9,05E-05	2,05E-05	TRUE
Rv3105c	359	49	2,87313019	0,873968408	5,5154273	3,48E-08	1,35E-07	3,07E-08	TRUE
Rv3109	54	0	6,754887502	4,75572572	5,940003	2,85E-09	1,24E-08	2,82E-09	TRUE
Rv3117	818	142	2,526209913	0,527048132	5,3324104	9,69E-08	3,59E-07	8,14E-08	TRUE
Rv3118	326	112	1,541373232	-0,45778855	-3,467762	0,0005248	0,001212572	0,0002751	TRUE
Rv3119	645	75	3,10433666	1,105174878	8,9819138	2,66E-19	2,22E-18	5,05E-19	TRUE
Rv3120	172	24	2,841302254	0,842140472	3,6988196	0,0002166	0,000529955	0,00012026	TRUE
Rv3122	344	30	3,519374159	1,520212377	8,3960926	4,62E-17	3,39E-16	7,69E-17	TRUE
Rv3123	205	11	4,220048481	2,220886699	8,3859553	5,03E-17	3,69E-16	8,37E-17	TRUE

Rv3125c	80	4	4,321928095	2,322766313	5,3830091	7,33E-08	2,74E-07	6,23E-08	TRUE
Rv3127	1574	695	1,179350658	-0,819811124	-14,53619	7,15E-48	1,70E-46	3,85E-47	TRUE
Rv3130c	3127	2905	0,106241056	-1,892920726	-57,04054	0	0	0	TRUE
Rv3131	1501	3413	-1,185116437	-3,184278219	-83,116	0	0	0	TRUE
Rv3132c	817	43	4,247927513	2,248765732	16,87102	7,35E-64	2,59E-62	5,87E-63	TRUE
Rv3134c	1301	773	0,751080643	-1,248081139	-21,66884	4,04E-104	2,65E-102	6,02E-103	TRUE
Rv3135	60	0	6,906890596	4,907728814	6,2934657	3,10E-10	1,47E-09	3,34E-10	TRUE
Rv3136	818	127	2,687272346	0,688110564	6,7702659	1,29E-11	6,81E-11	1,54E-11	TRUE
Rv3136A	40	0	6,321928095	4,322766313	5,0089651	5,47E-07	1,84E-06	4,18E-07	TRUE
Rv3139	880	292	1,591535155	-0,407626627	-5,030178	4,90E-07	1,66E-06	3,77E-07	TRUE
Rv3140	1293	141	3,196955207	1,197793426	13,56503	6,46E-42	1,30E-40	2,95E-41	TRUE
Rv3144c	477	88	2,438413837	0,439252055	3,4454261	0,0005702	0,001302845	0,00029564	TRUE
Rv3145	563	196	1,522281268	-0,476880514	-4,763338	1,90E-06	6,08E-06	1,38E-06	TRUE
Rv3147	1119	137	3,029962238	1,030800456	11,178611	5,19E-29	6,82E-28	1,55E-28	TRUE
Rv3151	1444	535	1,432459946	-0,566701836	-9,210483	3,25E-20	2,83E-19	6,43E-20	TRUE
Rv3152	782	127	2,622340111	0,623178329	6,0627744	1,34E-09	6,04E-09	1,37E-09	TRUE
Rv3153	1097	132	3,054953691	1,055791909	11,287461	1,51E-29	2,05E-28	4,65E-29	TRUE
Rv3154	681	104	2,71107127	0,711909488	6,364497	1,96E-10	9,45E-10	2,14E-10	TRUE
Rv3155	273	26	3,392317423	1,393155641	7,0070035	2,43E-12	1,36E-11	3,10E-12	TRUE
Rv3157	1175	149	2,979276521	0,980114739	10,987914	4,37E-28	5,52E-27	1,25E-27	TRUE
Rv3158	1225	221	2,470663474	0,471501693	5,8948551	3,75E-09	1,61E-08	3,66E-09	TRUE
Rv3159c	241	35	2,783606319	0,784444537	4,1194014	3,80E-05	0,000102403	2,32E-05	TRUE
Rv3161c	222	139	0,675474794	-1,323686988	-9,613882	6,99E-22	6,64E-21	1,51E-21	TRUE
Rv3162c	38	21	0,855610091	-1,143551691	-3,33036	0,0008673	0,001909981	0,00043341	TRUE
Rv3168	115	13	3,145050333	1,145888551	3,9042712	9,45E-05	0,000240715	5,46E-05	TRUE
Rv3172c	176	17	3,371968777	1,372806996	5,5634115	2,65E-08	1,04E-07	2,37E-08	TRUE
Rv3176c	36	29	0,311944006	-1,687217776	-5,255112	1,48E-07	5,36E-07	1,22E-07	TRUE
Rv3190c	306	33	3,212993723	1,213831941	6,6676096	2,60E-11	1,35E-10	3,05E-11	TRUE
Rv3193c	1495	296	2,336476403	0,337314622	4,7688366	1,85E-06	5,92E-06	1,34E-06	TRUE
Rv3197	1278	806	0,665036092	-1,334125689	-23,30209	4,22E-120	3,14E-118	7,04E-119	TRUE
Rv3197A	37	2	4,209453366	2,210291584	3,5521171	0,0003821	0,000903584	0,00020492	TRUE
Rv3198c	327	137	1,255114743	-0,744047039	-5,931958	2,99E-09	1,30E-08	2,96E-09	TRUE
Rv3200c	753	66	3,512111935	1,512950153	12,379204	3,39E-35	5,59E-34	1,27E-34	TRUE
Rv3201c	155	20	2,95419631	0,955034529	3,9048203	9,43E-05	0,000240402	5,46E-05	TRUE
Rv3205c	1570	216	2,861661342	0,86249956	11,40829	3,80E-30	5,30E-29	1,20E-29	TRUE
Rv3207c	552	234	1,238159737	-0,761002045	-7,906642	2,64E-15	1,79E-14	4,06E-15	TRUE
Rv3208A	617	111	2,474710813	0,475549031	4,2159011	2,49E-05	6,89E-05	1,56E-05	TRUE

Rv3209	384	41	3,227410496	1,228248714	7,5391797	4,73E-14	2,93E-13	6,64E-14	TRUE
Rv3210c	217	11	4,302119614	2,302957832	8,8204133	1,14E-18	9,10E-18	2,07E-18	TRUE
Rv3211	859	154	2,47972778	0,480565999	5,0228489	5,09E-07	1,72E-06	3,90E-07	TRUE
Rv3213c	693	239	1,535844734	-0,463317048	-5,122601	3,01E-07	1,05E-06	2,39E-07	TRUE
Rv3214	248	28	3,146841388	1,147679606	5,7407887	9,42E-09	3,91E-08	8,87E-09	TRUE
Rv3217c	263	107	1,297452003	-0,701709779	-4,980374	6,35E-07	2,11E-06	4,79E-07	TRUE
Rv3219	4013	884	2,182562881	0,1834011	4,365977	1,27E-05	3,64E-05	8,27E-06	TRUE
Rv3220c	807	339	1,2512834	-0,747878382	-9,374708	6,94E-21	6,23E-20	1,41E-20	TRUE
Rv3223c	600	60	3,321928095	1,322766313	9,9846727	1,78E-23	1,88E-22	4,26E-23	TRUE
Rv3227	123	54	1,187627003	-0,811534779	-4,014485	5,96E-05	0,000156124	3,54E-05	TRUE
Rv3229c	5095	1563	1,704764368	-0,294397414	-8,583102	9,23E-18	7,07E-17	1,60E-17	TRUE
Rv3230c	769	555	0,470495827	-1,528665955	-21,41699	9,28E-102	5,81E-100	1,32E-100	TRUE
Rv3237c	150	67	1,1627295	-0,836432282	-4,589073	4,45E-06	1,36E-05	3,08E-06	TRUE
Rv3240c	1853	344	2,429382411	0,430220629	6,6638786	2,67E-11	1,38E-10	3,12E-11	TRUE
Rv3241c	296	168	0,817135943	-1,182025839	-9,672987	3,93E-22	3,81E-21	8,64E-22	TRUE
Rv3243c	326	35	3,219445137	1,220283355	6,9109291	4,81E-12	2,63E-11	5,97E-12	TRUE
Rv3245c	1451	228	2,66994179	0,670780008	8,8176364	1,17E-18	9,31E-18	2,11E-18	TRUE
Rv3246c	1773	240	2,885086225	0,885924443	12,402736	2,53E-35	4,20E-34	9,54E-35	TRUE
Rv3250c	266	126	1,078002512	-0,92115927	-6,830008	8,49E-12	4,54E-11	1,03E-11	TRUE
Rv3251c	64	41	0,642447995	-1,356713787	-5,320711	1,03E-07	3,80E-07	8,63E-08	TRUE
Rv3252c	216	189	0,192645078	-1,806516704	-14,07178	5,66E-45	1,23E-43	2,80E-44	TRUE
Rv3260c	406	71	2,515588798	0,516427016	3,6874415	0,0002265	0,000552502	0,00012537	TRUE
Rv3261	194	149	0,380744322	-1,61841746	-11,56399	6,27E-31	9,00E-30	2,04E-30	TRUE
Rv3262	205	199	0,042855479	-1,956306303	-15,23585	2,04E-52	5,64E-51	1,28E-51	TRUE
Rv3263	126	9	3,807354922	1,80819314	5,7495536	8,95E-09	3,71E-08	8,43E-09	TRUE
Rv3265c	465	79	2,557306158	0,558144376	4,2344024	2,29E-05	6,38E-05	1,45E-05	TRUE
Rv3267	597	92	2,698025165	0,698863383	5,8629888	4,55E-09	1,93E-08	4,37E-09	TRUE
Rv3269	878	161	2,447160251	0,44799847	4,760782	1,93E-06	6,14E-06	1,39E-06	TRUE
Rv3270	983	454	1,114499119	-0,884662663	-12,53357	4,89E-36	8,39E-35	1,90E-35	TRUE
Rv3271c	355	155	1,195550809	-0,803610973	-6,744848	1,53E-11	8,08E-11	1,83E-11	TRUE
Rv3273	1021	554	0,882024985	-1,117136797	-16,79407	2,70E-63	9,33E-62	2,12E-62	TRUE
Rv3274c	1643	229	2,842912977	0,843751195	11,454173	2,24E-30	3,16E-29	7,16E-30	TRUE
Rv3276c	353	62	2,509328063	0,510166281	3,4003058	0,0006731	0,001515255	0,00034384	TRUE
Rv3277	399	26	3,939805218	1,940643436	10,732117	7,19E-27	8,68E-26	1,97E-26	TRUE
Rv3278c	47	3	3,969626351	1,970464569	3,7205231	0,0001988	0,000487327	0,00011058	TRUE
Rv3280	930	155	2,584962501	0,585800719	6,2557035	3,96E-10	1,86E-09	4,23E-10	TRUE
Rv3283	1110	187	2,569449501	0,570287719	6,6715502	2,53E-11	1,31E-10	2,98E-11	TRUE

Rv3284	287	41	2,807354922	0,80819314	4,6124997	3,98E-06	1,22E-05	2,77E-06	TRUE
Rv3285	1715	647	1,406370959	-0,592790823	-10,54836	5,17E-26	6,07E-25	1,38E-25	TRUE
Rv3287c	201	84	1,258734268	-0,740427513	-4,624998	3,75E-06	1,15E-05	2,62E-06	TRUE
Rv3288c	320	476	-0,572889668	-2,57205145	-27,84801	1,14E-170	1,50E-168	3,40E-169	TRUE
Rv3289c	188	855	-2,185191758	-4,18435354	-45,91846	0	0	0	TRUE
Rv3290c	763	1588	-1,05745595	-3,056617732	-55,60169	0	0	0	TRUE
Rv3292	119	54	1,139930261	-0,859231521	-4,215441	2,49E-05	6,90E-05	1,56E-05	TRUE
Rv3293	245	123	0,994123434	-1,005038348	-7,256404	3,98E-13	2,34E-12	5,32E-13	TRUE
Rv3296	229	85	1,429812852	-0,56934893	-3,685145	0,0002286	0,000557162	0,00012643	TRUE
Rv3304	114	11	3,373458396	1,374296614	4,4811692	7,42E-06	2,19E-05	4,98E-06	TRUE
Rv3307	114	205	-0,846590085	-2,845751867	-19,28091	7,77E-83	3,74E-81	8,48E-82	TRUE
Rv3308	177	79	1,163824802	-0,83533698	-4,977589	6,44E-07	2,13E-06	4,84E-07	TRUE
Rv3309c	45	3	3,906890596	1,907728814	3,5631213	0,0003665	0,000870176	0,00019746	TRUE
Rv3310	131	8	4,033423002	2,03426122	6,3420953	2,27E-10	1,08E-09	2,45E-10	TRUE
Rv3311	527	63	3,064379228	1,065217446	7,8795109	3,29E-15	2,20E-14	5,00E-15	TRUE
Rv3312A	256	242	0,081136763	-1,918025019	-16,5828	9,28E-62	3,05E-60	6,92E-61	TRUE
Rv3313c	198	28	2,822001698	0,822839916	3,8906074	1,00E-04	0,000253617	5,76E-05	TRUE
Rv3317	70	5	3,807354922	1,80819314	4,2854273	1,82E-05	5,13E-05	1,16E-05	TRUE
Rv3318	208	28	2,893084796	0,893923014	4,2790974	1,88E-05	5,26E-05	1,19E-05	TRUE
Rv3319	396	62	2,67516031	0,675998528	4,63697	3,54E-06	1,10E-05	2,49E-06	TRUE
Rv3320c	129	11	3,551795637	1,552633855	5,2215771	1,77E-07	6,36E-07	1,44E-07	TRUE
Rv3321c	134	11	3,606657572	1,60749579	5,4577224	4,82E-08	1,84E-07	4,17E-08	TRUE
Rv3328c	87	47	0,888354644	-1,110807138	-4,867283	1,13E-06	3,70E-06	8,40E-07	TRUE
Rv3332	89	50	0,831877241	-1,167284541	-5,224095	1,75E-07	6,29E-07	1,43E-07	TRUE
Rv3334	145	13	3,479469372	1,48030759	5,3446379	9,06E-08	3,37E-07	7,64E-08	TRUE
Rv3336c	373	59	2,660388771	0,661226989	4,4132193	1,02E-05	2,97E-05	6,73E-06	TRUE
Rv3338	169	24	2,815916936	0,816755154	3,5715762	0,0003548	0,00084459	0,00019165	TRUE
Rv3339c	331	46	2,847125451	0,847963669	5,1615744	2,45E-07	8,65E-07	1,96E-07	TRUE
Rv3340	152	9	4,078002512	2,07884073	6,9275492	4,28E-12	2,36E-11	5,34E-12	TRUE
Rv3343c	890	97	3,197748684	1,198586902	11,259292	2,08E-29	2,80E-28	6,34E-29	TRUE
Rv3347c	1068	149	2,841527411	0,842365629	9,2207751	2,95E-20	2,59E-19	5,88E-20	TRUE
Rv3350c	605	88	2,781359714	0,782197932	6,5112071	7,45E-11	3,72E-10	8,43E-11	TRUE
Rv3353c	21	0	5,392317423	3,393155641	3,3467983	0,0008175	0,001810866	0,0004108	TRUE
Rv3360	90	41	1,134301092	-0,86486069	-3,693563	0,0002211	0,000540365	0,00012256	TRUE
Rv3365c	450	167	1,430076899	-0,569084883	-5,163634	2,42E-07	8,57E-07	1,94E-07	TRUE
Rv3371	55	52	0,080919995	-1,918241787	-7,686628	1,51E-14	9,70E-14	2,20E-14	TRUE
Rv3376	1244	151	3,042366031	1,043204249	11,902953	1,14E-32	1,73E-31	3,93E-32	TRUE

Rv3382c	148	103	0,522952838	-1,476208943	-8,988373	2,51E-19	2,11E-18	4,78E-19	TRUE
Rv3383c	494	228	1,115477217	-0,883684564	-8,872056	7,18E-19	5,80E-18	1,32E-18	TRUE
Rv3386	160	18	3,152003093	1,152841312	4,6276308	3,70E-06	1,14E-05	2,59E-06	TRUE
Rv3389c	1088	129	3,076235586	1,077073804	11,425401	3,12E-30	4,37E-29	9,91E-30	TRUE
Rv3392c	102	7	3,86507042	1,865908638	5,2850517	1,26E-07	4,57E-07	1,04E-07	TRUE
Rv3394c	41	33	0,313157885	-1,686003897	-5,60299	2,11E-08	8,41E-08	1,91E-08	TRUE
Rv3395c	95	46	1,046293652	-0,95286813	-4,245192	2,18E-05	6,09E-05	1,38E-05	TRUE
Rv3396c	1214	162	2,905702703	0,906540921	10,463076	1,28E-25	1,49E-24	3,37E-25	TRUE
Rv3402c	60	97	-0,693022247	-2,692184028	-12,88493	5,47E-38	9,72E-37	2,21E-37	TRUE
Rv3403c	254	37	2,779231321	0,780069539	4,208662	2,57E-05	7,08E-05	1,61E-05	TRUE
Rv3404c	266	12	4,470319935	2,471158153	10,177896	2,49E-24	2,77E-23	6,29E-24	TRUE
Rv3407	6439	1110	2,536276973	0,537115192	15,240528	1,90E-52	5,29E-51	1,20E-51	TRUE
Rv3408	1431	493	1,53736412	-0,461797662	-7,336875	2,19E-13	1,31E-12	2,98E-13	TRUE
Rv3409c	681	293	1,216754134	-0,782407648	-9,063087	1,27E-19	1,08E-18	2,45E-19	TRUE
Rv3411c	1792	334	2,42365063	0,424488848	6,4722992	9,65E-11	4,76E-10	1,08E-10	TRUE
Rv3412	931	172	2,436372603	0,437210821	4,7933391	1,64E-06	5,29E-06	1,20E-06	TRUE
Rv3413c	588	73	3,009847786	1,010686004	7,9720634	1,56E-15	1,07E-14	2,42E-15	TRUE
Rv3414c	1003	132	2,925711771	0,926549989	9,686262	3,45E-22	3,35E-21	7,60E-22	TRUE
Rv3416	82	60	0,450661409	-1,548500373	-7,106369	1,19E-12	6,84E-12	1,55E-12	TRUE
Rv3418c	646	70	3,206107338	1,206945556	9,6449756	5,16E-22	4,95E-21	1,12E-21	TRUE
Rv3420c	410	68	2,592017258	0,592855476	4,1979901	2,69E-05	7,40E-05	1,68E-05	TRUE
Rv3423c	231	33	2,807354922	0,80819314	4,1380535	3,50E-05	9,53E-05	2,16E-05	TRUE
Rv3424c	45	2	4,491853096	2,492691314	4,2068703	2,59E-05	7,13E-05	1,62E-05	TRUE
Rv3425	40	1	5,321928095	3,322766313	4,5787191	4,68E-06	1,42E-05	3,22E-06	TRUE
Rv3429	604	30	4,331514144	2,332352362	14,828424	9,60E-50	2,44E-48	5,54E-49	TRUE
Rv3430c	89	50	0,831877241	-1,167284541	-5,224095	1,75E-07	6,29E-07	1,43E-07	TRUE
Rv3432c	88	39	1,1740294	-0,825132382	-3,460611	0,000539	0,001235829	0,00028043	TRUE
Rv3434c	97	11	3,140481224	1,141319442	3,5742433	0,0003512	0,000837039	0,00018994	TRUE
Rv3435c	603	86	2,809749437	0,810587655	6,7032977	2,04E-11	1,06E-10	2,41E-11	TRUE
Rv3436c	1195	163	2,874066749	0,874904967	10,073671	7,22E-24	7,78E-23	1,77E-23	TRUE
Rv3437	42	26	0,691877705	-1,307284077	-4,117765	3,83E-05	0,000103063	2,34E-05	TRUE
Rv3439c	74	35	1,080170349	-0,918991433	-3,592334	0,0003277	0,000783371	0,00017776	TRUE
Rv3441c	373	168	1,150714397	-0,848447384	-7,356474	1,89E-13	1,14E-12	2,58E-13	TRUE
Rv3442c	495	79	2,647503967	0,648342185	4,9961957	5,85E-07	1,96E-06	4,44E-07	TRUE
Rv3443c	233	37	2,654732779	0,655570997	3,4614654	0,0005372	0,001232628	0,00027971	TRUE
Rv3447c	15	20	-0,415037499	-2,414199281	-5,505356	3,68E-08	1,42E-07	3,23E-08	TRUE
Rv3452	123	8	3,942514505	1,943352723	5,9639759	2,46E-09	1,08E-08	2,46E-09	TRUE

Rv3454	38	1	5,247927513	3,248765732	4,4197068	9,88E-06	2,88E-05	6,54E-06	TRUE
Rv3456c	1305	470	1,473317145	-0,525844637	-8,066927	7,21E-16	5,01E-15	1,14E-15	TRUE
Rv3459c	1366	161	3,08482489	1,085663108	12,885734	5,42E-38	9,67E-37	2,19E-37	TRUE
Rv3460c	3438	268	3,681264639	1,682102857	28,571334	1,53E-179	2,23E-177	5,06E-178	TRUE
Rv3461c	511	58	3,139198486	1,140036704	8,1969397	2,47E-16	1,75E-15	3,98E-16	TRUE
Rv3464	358	50	2,839959587	0,840797806	5,3292478	9,86E-08	3,64E-07	8,26E-08	TRUE
Rv3465	325	31	3,390099598	1,390937816	7,6361018	2,24E-14	1,42E-13	3,23E-14	TRUE
Rv3472	234	34	2,782901878	0,783740096	4,055979	4,99E-05	0,000131796	2,99E-05	TRUE
Rv3475	30	0	5,906890596	3,907728814	4,2138185	2,51E-05	6,94E-05	1,57E-05	TRUE
Rv3476c	211	15	3,814208593	1,815046811	7,4597274	8,67E-14	5,29E-13	1,20E-13	TRUE
Rv3477	5035	1139	2,144224031	0,145062249	3,8950455	9,82E-05	0,000249339	5,66E-05	TRUE
Rv3478	5178	2878	0,847328373	-1,151833409	-39,3005	0	0	0	TRUE
Rv3479	940	316	1,572736198	-0,426425583	-5,45646	4,86E-08	1,85E-07	4,20E-08	TRUE
Rv3480c	619	100	2,629939409	0,630777628	5,4524137	4,97E-08	1,89E-07	4,29E-08	TRUE
Rv3481c	141	5	4,817623258	2,818461476	7,9578115	1,75E-15	1,19E-14	2,71E-15	TRUE
Rv3485c	234	84	1,478047297	-0,521114485	-3,38119	0,0007217	0,001610914	0,00036555	TRUE
Rv3487c	1793	325	2,463863865	0,464702083	7,0381601	1,95E-12	1,10E-11	2,50E-12	TRUE
Rv3489	455	66	2,785328616	0,786166834	5,6711942	1,42E-08	5,75E-08	1,30E-08	TRUE
Rv3491	469	85	2,464053176	0,464891394	3,5997887	0,0003185	0,000762178	0,00017295	TRUE
Rv3498c	475	85	2,482392767	0,483230985	3,7537106	0,0001742	0,000428688	9,73E-05	TRUE
Rv3500c	306	15	4,350497247	2,351335465	10,605041	2,82E-26	3,33E-25	7,57E-26	TRUE
Rv3501c	160	13	3,621488377	1,622326595	6,0033429	1,93E-09	8,56E-09	1,94E-09	TRUE
Rv3502c	225	24	3,22881869	1,229656909	5,7760161	7,65E-09	3,19E-08	7,24E-09	TRUE
Rv3503c	646	54	3,580502853	1,581341071	11,842856	2,34E-32	3,53E-31	8,00E-32	TRUE
Rv3508	413	178	1,21426454	-0,784897241	-7,082731	1,41E-12	8,07E-12	1,83E-12	TRUE
Rv3509c	289	100	1,531069493	-0,468092289	-3,344461	0,0008244	0,001822613	0,00041359	TRUE
Rv3510c	116	13	3,157541277	1,158379495	3,9553829	7,64E-05	0,00019749	4,48E-05	TRUE
Rv3516	61	4	3,930737338	1,931575556	4,1830272	2,88E-05	7,89E-05	1,79E-05	TRUE
Rv3518c	255	113	1,174174474	-0,824987307	-5,890091	3,86E-09	1,65E-08	3,75E-09	TRUE
Rv3519	235	106	1,148596492	-0,85056529	-5,855557	4,75E-09	2,01E-08	4,57E-09	TRUE
Rv3520c	360	141	1,352301744	-0,646860038	-5,320773	1,03E-07	3,81E-07	8,63E-08	TRUE
Rv3521	80	5	4	2,000838218	4,9029741	9,44E-07	3,10E-06	7,03E-07	TRUE
Rv3523	237	142	0,738996129	-1,260165652	-9,353202	8,50E-21	7,59E-20	1,72E-20	TRUE
Rv3524	537	51	3,396352936	1,397191154	9,8494268	6,89E-23	6,97E-22	1,58E-22	TRUE
Rv3528c	265	17	3,962385708	1,963223926	8,8132877	1,22E-18	9,64E-18	2,19E-18	TRUE
Rv3531c	60	5	3,584962501	1,585800719	3,6162703	0,0002989	0,000719204	0,0001632	TRUE
Rv3533c	93	7	3,731803889	1,732642107	4,7955466	1,62E-06	5,24E-06	1,19E-06	TRUE

Rv3536c	170	20	3,087462841	1,088301059	4,5536641	5,27E-06	1,59E-05	3,60E-06	TRUE
Rv3539	48	26	0,884522783	-1,114638999	-3,630148	0,0002833	0,000682868	0,00015496	TRUE
Rv3549c	135	70	0,94753258	-1,051629202	-5,681624	1,33E-08	5,42E-08	1,23E-08	TRUE
Rv3551	37	26	0,509013647	-1,490148134	-4,547352	5,43E-06	1,63E-05	3,70E-06	TRUE
Rv3554	353	48	2,878561873	0,879400091	5,4979486	3,84E-08	1,48E-07	3,36E-08	TRUE
Rv3556c	192	73	1,395137942	-0,60402384	-3,601367	0,0003165	0,000758026	0,00017201	TRUE
Rv3557c	114	5	4,510961919	2,511800137	6,7249242	1,76E-11	9,23E-11	2,09E-11	TRUE
Rv3558	78	7	3,478047297	1,478885515	3,9171138	8,96E-05	0,000229062	5,20E-05	TRUE
Rv3566A	33	42	-0,347923303	-2,347085085	-7,847053	4,26E-15	2,84E-14	6,45E-15	TRUE
Rv3566c	133	79	0,751501687	-1,247660095	-6,921803	4,46E-12	2,44E-11	5,54E-12	TRUE
Rv3569c	202	92	1,134649527	-0,864512255	-5,531178	3,18E-08	1,24E-07	2,82E-08	TRUE
Rv3570c	297	143	1,054447784	-0,944713998	-7,431948	1,07E-13	6,49E-13	1,47E-13	TRUE
Rv3571	104	84	0,308122295	-1,691039487	-8,958451	3,29E-19	2,73E-18	6,19E-19	TRUE
Rv3572	61	62	-0,023458973	-2,022620755	-8,691362	3,58E-18	2,79E-17	6,33E-18	TRUE
Rv3576	191	21	3,185111405	1,185949623	5,1715755	2,32E-07	8,24E-07	1,87E-07	TRUE
Rv3580c	605	95	2,670935724	0,671773942	5,7000739	1,20E-08	4,90E-08	1,11E-08	TRUE
Rv3581c	1165	388	1,586201397	-0,412960385	-5,869399	4,37E-09	1,86E-08	4,21E-09	TRUE
Rv3582c	5465	2255	1,277094062	-0,722067719	-23,48926	5,25E-122	4,14E-120	9,40E-121	TRUE
Rv3583c	12781	5197	1,298249755	-0,700912027	-34,8352	7,13E-266	1,56E-263	3,55E-264	TRUE
Rv3584	430	61	2,817455512	0,81829373	5,7065934	1,15E-08	4,73E-08	1,07E-08	TRUE
Rv3585	266	95	1,485426827	-0,513734955	-3,549423	0,0003861	0,00091124	0,00020678	TRUE
Rv3587c	696	122	2,512206158	0,513044376	4,7995189	1,59E-06	5,15E-06	1,17E-06	TRUE
Rv3588c	73	168	-1,202492864	-3,201654646	-18,46239	4,15E-76	1,72E-74	3,91E-75	TRUE
Rv3592	551	191	1,528479681	-0,470682101	-4,646037	3,38E-06	1,05E-05	2,38E-06	TRUE
Rv3593	599	86	2,800147438	0,800985656	6,6128771	3,77E-11	1,92E-10	4,36E-11	TRUE
Rv3596c	6254	1751	1,836600135	-0,162561646	-5,133764	2,84E-07	9,94E-07	2,26E-07	TRUE
Rv3597c	1049	206	2,348298435	0,349136654	4,1257227	3,70E-05	1,00E-04	2,27E-05	TRUE
Rv3604c	441	71	2,634887726	0,635725944	4,6341069	3,58E-06	1,11E-05	2,52E-06	TRUE
Rv3607c	171	65	1,395484702	-0,60367708	-3,396535	0,0006824	0,00153279	0,00034782	TRUE
Rv3608c	493	90	2,45359074	0,454428958	3,614254	0,0003012	0,000723941	0,00016424	TRUE
Rv3609c	413	48	3,105035471	1,105873689	7,1906175	6,45E-13	3,77E-12	8,55E-13	TRUE
Rv3610c	2071	434	2,254560606	0,255398824	4,31123	1,62E-05	4,61E-05	1,04E-05	TRUE
Rv3611	39	2	4,285402219	2,286240437	3,7228487	0,000197	0,000483159	0,00010964	TRUE
Rv3613c	213	101	1,076498137	-0,922663644	-6,123264	9,17E-10	4,18E-09	9,49E-10	TRUE
Rv3614c	2013	1166	0,787779384	-1,211382398	-26,00327	4,55E-149	4,60E-147	1,04E-147	TRUE
Rv3615c	2306	1242	0,892727339	-1,106434442	-24,96446	1,49E-137	1,30E-135	2,96E-136	TRUE
Rv3616c	5039	2706	0,896975617	-1,102186165	-36,77698	4,31E-296	1,06E-293	2,41E-294	TRUE

Rv3624c	146	71	1,040077439	-0,959084343	-5,302891	1,14E-07	4,16E-07	9,45E-08	TRUE
Rv3628	122	8	3,930737338	1,931575556	5,915747	3,30E-09	1,43E-08	3,24E-09	TRUE
Rv3632	159	11	3,853451337	1,854289555	6,5707219	5,01E-11	2,53E-10	5,74E-11	TRUE
Rv3634c	190	27	2,814968106	0,815806324	3,7832231	0,0001548	0,000383285	8,70E-05	TRUE
Rv3636	468	36	3,700439718	1,701277936	10,621172	2,38E-26	2,81E-25	6,38E-26	TRUE
Rv3642c	465	47	3,306498054	1,307336272	8,7104304	3,03E-18	2,37E-17	5,39E-18	TRUE
Rv3645	735	132	2,47720632	0,478044538	4,6236954	3,77E-06	1,16E-05	2,63E-06	TRUE
Rv3646c	1593	283	2,492872309	0,493710527	7,01243	2,34E-12	1,31E-11	2,98E-12	TRUE
Rv3647c	325	123	1,401781403	-0,597380379	-4,628878	3,68E-06	1,13E-05	2,57E-06	TRUE
Rv3651	309	39	2,986060809	0,986899027	5,6660914	1,46E-08	5,90E-08	1,34E-08	TRUE
Rv3655c	3	7	-1,222392421	-3,221554203	-3,778758	0,0001576	0,000389733	8,84E-05	TRUE
Rv3658c	42	37	0,182864057	-1,816297725	-6,248666	4,14E-10	1,94E-09	4,41E-10	TRUE
Rv3660c	64	32	1	-0,999161782	-3,683047	0,0002305	0,000561424	0,0001274	TRUE
Rv3661	139	70	0,989658056	-1,009503726	-5,493997	3,93E-08	1,51E-07	3,43E-08	TRUE
Rv3665c	80	5	4	2,000838218	4,9029741	9,44E-07	3,10E-06	7,03E-07	TRUE
Rv3667	284	34	3,062284278	1,063122496	5,7747718	7,71E-09	3,21E-08	7,29E-09	TRUE
Rv3672c	205	139	0,560539027	-1,438622755	-10,24257	1,28E-24	1,44E-23	3,26E-24	TRUE
Rv3673c	274	202	0,4398206	-1,559341182	-13,10699	3,00E-39	5,59E-38	1,27E-38	TRUE
Rv3674c	1653	115	3,845380958	1,846219176	21,128206	4,38E-99	2,62E-97	5,94E-98	TRUE
Rv3675	170	11	3,949959318	1,950797536	7,0292832	2,08E-12	1,17E-11	2,66E-12	TRUE
Rv3676	795	103	2,948310523	0,949148741	8,7990252	1,38E-18	1,09E-17	2,47E-18	TRUE
Rv3677c	752	244	1,623851514	-0,375310268	-4,25723	2,07E-05	5,79E-05	1,31E-05	TRUE
Rv3678A	452	148	1,610725597	-0,388436185	-3,423435	0,0006184	0,001404017	0,0003186	TRUE
Rv3678c	788	280	1,492768803	-0,506392979	-6,015253	1,80E-09	7,99E-09	1,81E-09	TRUE
Rv3679	5920	870	2,76650987	0,767348088	20,056196	1,78E-89	9,37E-88	2,13E-88	TRUE
Rv3680	1911	258	2,888884808	0,889723026	12,923443	3,32E-38	6,03E-37	1,37E-37	TRUE
Rv3681c	270	30	3,169925001	1,17076322	6,0861193	1,16E-09	5,24E-09	1,19E-09	TRUE
Rv3683	240	93	1,367731785	-0,631429997	-4,229254	2,34E-05	6,52E-05	1,48E-05	TRUE
Rv3684	321	143	1,16655815	-0,832603632	-6,678513	2,41E-11	1,25E-10	2,85E-11	TRUE
Rv3686c	777	259	1,584962501	-0,414199281	-4,808165	1,52E-06	4,94E-06	1,12E-06	TRUE
Rv3694c	645	126	2,355875427	0,356713645	3,3006632	0,0009646	0,002113471	0,00047959	TRUE
Rv3696c	230	28	3,038135129	1,038973347	5,1000398	3,40E-07	1,18E-06	2,68E-07	TRUE
Rv3699	332	57	2,542149417	0,542987635	3,4898375	0,0004833	0,00112261	0,00025474	TRUE
Rv3701c	243	87	1,481869008	-0,517292774	-3,418077	0,0006307	0,001429482	0,00032438	TRUE
Rv3703c	301	216	0,478732175	-1,520429607	-13,30494	2,17E-40	4,13E-39	9,37E-40	TRUE
Rv3704c	303	166	0,868134552	-1,13102723	-9,282062	1,66E-20	1,47E-19	3,34E-20	TRUE
Rv3705c	80	45	0,830074999	-1,169086783	-4,962094	6,97E-07	2,31E-06	5,24E-07	TRUE

Rv3708c	672	224	1,584962501	-0,414199281	-4,471347	7,77E-06	2,29E-05	5,20E-06	TRUE
Rv3709c	1293	159	3,023623605	1,024461823	11,955995	6,04E-33	9,34E-32	2,12E-32	TRUE
Rv3710	1064	164	2,697730431	0,698568649	7,8250582	5,07E-15	3,35E-14	7,61E-15	TRUE
Rv3711c	617	114	2,436236665	0,437074883	3,9007428	9,59E-05	0,0002437	5,53E-05	TRUE
Rv3713	101	54	0,903323981	-1,095837801	-5,160255	2,47E-07	8,70E-07	1,97E-07	TRUE
Rv3715c	495	71	2,801537595	0,802375814	6,0203013	1,74E-09	7,78E-09	1,76E-09	TRUE
Rv3719	791	108	2,872646382	0,8734846	8,1838195	2,75E-16	1,95E-15	4,43E-16	TRUE
Rv3720	694	108	2,68390435	0,684742569	6,2089653	5,33E-10	2,48E-09	5,62E-10	TRUE
Rv3722c	990	83	3,576245284	1,577083502	14,632965	1,73E-48	4,16E-47	9,45E-48	TRUE
Rv3723	918	76	3,59442283	1,595261048	14,208215	8,15E-46	1,81E-44	4,10E-45	TRUE
Rv3724A	264	26	3,343954401	1,344792619	6,7073039	1,98E-11	1,04E-10	2,35E-11	TRUE
Rv3725	488	183	1,415037499	-0,584124283	-5,533824	3,13E-08	1,23E-07	2,79E-08	TRUE
Rv3729	160	101	0,663716612	-1,33544517	-8,250795	1,57E-16	1,13E-15	2,56E-16	TRUE
Rv3732	181	24	2,914883386	0,915721604	4,0736154	4,63E-05	0,00012269	2,78E-05	TRUE
Rv3733c	290	105	1,465663572	-0,53349821	-3,8619	0,0001125	0,000282993	6,42E-05	TRUE
Rv3734c	644	203	1,665580961	-0,333580821	-3,476279	0,0005084	0,001176083	0,00026688	TRUE
Rv3735	156	22	2,8259706	0,826808818	3,4676415	0,000525	0,001212404	0,0002751	TRUE
Rv3736	244	33	2,886343218	0,887181436	4,6050935	4,12E-06	1,26E-05	2,87E-06	TRUE
Rv3737	251	38	2,723616041	0,724454259	3,9230817	8,74E-05	0,00022375	5,08E-05	TRUE
Rv3740c	181	17	3,412383046	1,413221264	5,767446	8,05E-09	3,35E-08	7,60E-09	TRUE
Rv3747	142	18	2,979822118	0,980660336	3,8207541	0,000133	0,000331685	7,52E-05	TRUE
Rv3748	141	9	3,969626351	1,970464569	6,4442232	1,16E-10	5,70E-10	1,29E-10	TRUE
Rv3749c	231	89	1,37601561	-0,623146171	-4,088876	4,33E-05	0,000115827	2,63E-05	TRUE
Rv3750c	815	79	3,366875501	1,367713719	11,939399	7,38E-33	1,13E-31	2,56E-32	TRUE
Rv3755c	336	39	3,106915204	1,107753422	6,4945689	8,33E-11	4,14E-10	9,39E-11	TRUE
Rv3759c	485	63	2,944561014	0,945399232	6,8494731	7,41E-12	4,00E-11	9,09E-12	TRUE
Rv3761c	457	19	4,588122842	2,58896106	13,694428	1,10E-42	2,25E-41	5,11E-42	TRUE
Rv3762c	121	61	0,9881259	-1,011035882	-5,135048	2,82E-07	9,88E-07	2,24E-07	TRUE
Rv3763	728	226	1,687615678	-0,311546104	-3,438835	0,0005842	0,001331123	0,00030206	TRUE
Rv3765c	398	68	2,549161779	0,549999997	3,8657116	0,0001108	0,000278788	6,33E-05	TRUE
Rv3767c	540	88	2,617383978	0,618222197	5,0020249	5,67E-07	1,90E-06	4,32E-07	TRUE
Rv3771c	60	36	0,736965594	-1,262196188	-4,714977	2,42E-06	7,62E-06	1,73E-06	TRUE
Rv3773c	64	38	0,752072487	-1,247089295	-4,798753	1,60E-06	5,17E-06	1,17E-06	TRUE
Rv3778c	989	142	2,800079591	0,800917809	8,4972906	1,94E-17	1,45E-16	3,30E-17	TRUE
Rv3779	405	37	3,452324732	1,45316295	8,8102198	1,25E-18	9,87E-18	2,24E-18	TRUE
Rv3780	685	133	2,364677742	0,36551596	3,4801264	0,0005012	0,001160683	0,00026338	TRUE
Rv3781	403	31	3,700439718	1,701277936	9,8559283	6,46E-23	6,57E-22	1,49E-22	TRUE

Rv3782	939	153	2,617593505	0,618431723	6,598625	4,15E-11	2,11E-10	4,79E-11	TRUE
Rv3783	330	43	2,94005746	0,940895678	5,6272277	1,83E-08	7,34E-08	1,67E-08	TRUE
Rv3784	108	8	3,754887502	1,75572572	5,2157898	1,83E-07	6,54E-07	1,48E-07	TRUE
Rv3789	81	2	5,339850003	3,340688221	6,5304861	6,56E-11	3,29E-10	7,47E-11	TRUE
Rv3790	242	27	3,163975735	1,164813953	5,7385106	9,55E-09	3,95E-08	8,95E-09	TRUE
Rv3791	436	76	2,520256811	0,521095029	3,8526992	0,0001168	0,000293098	6,65E-05	TRUE
Rv3795	734	118	2,636993203	0,637831422	5,9965528	2,02E-09	8,91E-09	2,02E-09	TRUE
Rv3796	249	19	3,712074419	1,712912637	7,7842769	7,01E-15	4,57E-14	1,04E-14	TRUE
Rv3799c	2402	714	1,750240172	-0,24892161	-4,939532	7,83E-07	2,58E-06	5,86E-07	TRUE
Rv3800c	5761	2353	1,291817937	-0,707343845	-23,56736	8,33E-123	6,71E-121	1,52E-121	TRUE
Rv3801c	1899	353	2,427499817	0,428338035	6,7188359	1,83E-11	9,59E-11	2,18E-11	TRUE
Rv3805c	1230	408	1,592017258	-0,407144524	-5,940114	2,85E-09	1,25E-08	2,82E-09	TRUE
Rv3806c	444	207	1,100928909	-0,898232873	-8,570985	1,03E-17	7,81E-17	1,77E-17	TRUE
Rv3808c	1693	218	2,957181933	0,958020151	12,94293	2,58E-38	4,73E-37	1,07E-37	TRUE
Rv3809c	268	33	3,021695071	1,022533289	5,433639	5,52E-08	2,09E-07	4,74E-08	TRUE
Rv3810	675	112	2,59138877	0,592226988	5,3816449	7,38E-08	2,76E-07	6,27E-08	TRUE
Rv3811	864	109	2,986703177	0,987541396	9,4807949	2,52E-21	2,33E-20	5,29E-21	TRUE
Rv3812	170	22	2,949959318	0,950797536	4,0742612	4,62E-05	0,000122433	2,78E-05	TRUE
Rv3813c	108	59	0,872244453	-1,126917329	-5,517071	3,45E-08	1,34E-07	3,05E-08	TRUE
Rv3818	692	101	2,776416745	0,777254963	6,9257071	4,34E-12	2,38E-11	5,41E-12	TRUE
Rv3819	87	2	5,442943496	3,443781714	6,8533648	7,21E-12	3,90E-11	8,86E-12	TRUE
Rv3820c	209	19	3,459431619	1,460269837	6,3518681	2,13E-10	1,02E-09	2,32E-10	TRUE
Rv3822	1318	131	3,330711653	1,331549872	14,875983	4,72E-50	1,22E-48	2,76E-49	TRUE
Rv3825c	5683	3820	0,573080077	-1,426081705	-53,48113	0	0	0	TRUE
Rv3826	337	220	0,615245068	-1,383916714	-12,51465	6,21E-36	1,06E-34	2,39E-35	TRUE
Rv3827c	130	111	0,227951947	-1,771209835	-10,63761	1,99E-26	2,37E-25	5,37E-26	TRUE
Rv3834c	83	6	3,790076931	1,790915149	4,6357025	3,56E-06	1,10E-05	2,50E-06	TRUE
Rv3835	431	41	3,393992054	1,394830273	8,8124673	1,22E-18	9,70E-18	2,20E-18	TRUE
Rv3836	80	5	4	2,000838218	4,9029741	9,44E-07	3,10E-06	7,03E-07	TRUE
Rv3837c	281	357	-0,345353944	-2,344515726	-22,86671	9,97E-116	7,02E-114	1,59E-114	TRUE
Rv3841	12983	2724	2,252825179	0,253663397	10,755319	5,59E-27	6,79E-26	1,54E-26	TRUE
Rv3842c	546	96	2,50779464	0,508632858	4,2175017	2,47E-05	6,85E-05	1,55E-05	TRUE
Rv3848	43	39	0,140862536	-1,858299246	-6,516086	7,22E-11	3,61E-10	8,20E-11	TRUE
Rv3849	530	91	2,542053909	0,542892127	4,4088509	1,04E-05	3,02E-05	6,85E-06	TRUE
Rv3853	153	20	2,935459748	0,936297966	3,8158026	0,0001357	0,000337768	7,66E-05	TRUE
Rv3854c	1091	132	3,047041267	1,047879485	11,187513	4,69E-29	6,19E-28	1,41E-28	TRUE
Rv3855	134	11	3,606657572	1,60749579	5,4577224	4,82E-08	1,84E-07	4,17E-08	TRUE

Rv3856c	268	39	2,780686972	0,78152519	4,330081	1,49E-05	4,25E-05	9,65E-06	TRUE
Rv3859c	3466	1086	1,674247551	-0,324914231	-7,850488	4,14E-15	2,77E-14	6,29E-15	TRUE
Rv3860	80	42	0,929610672	-1,06955111	-4,461989	8,12E-06	2,39E-05	5,42E-06	TRUE
Rv3863	261	30	3,121015401	1,121853619	5,7826431	7,35E-09	3,08E-08	6,99E-09	TRUE
Rv3865	639	65	3,297304308	1,298142526	10,155575	3,13E-24	3,46E-23	7,85E-24	TRUE
Rv3868	1601	331	2,274070186	0,274908404	4,0658617	4,79E-05	0,000126672	2,87E-05	TRUE
Rv3869	1433	230	2,639332843	0,640171061	8,4073821	4,19E-17	3,09E-16	7,00E-17	TRUE
Rv3870	2138	428	2,320579151	0,321417369	5,4500337	5,04E-08	1,91E-07	4,34E-08	TRUE
Rv3871	1718	331	2,375826914	0,376665132	5,6700188	1,43E-08	5,78E-08	1,31E-08	TRUE
Rv3872	532	85	2,645891499	0,646729717	5,1681638	2,36E-07	8,38E-07	1,90E-07	TRUE
Rv3874	5611	690	3,023589646	1,024427864	24,927227	3,77E-137	3,23E-135	7,34E-136	TRUE
Rv3875	13311	768	4,115368838	2,116207056	65,687059	0	0	0	TRUE
Rv3876	1461	129	3,501513207	1,502351425	17,156067	5,66E-66	2,03E-64	4,61E-65	TRUE
Rv3878	347	30	3,531901257	1,532739475	8,4836778	2,18E-17	1,63E-16	3,69E-17	TRUE
Rv3879c	763	122	2,644801909	0,645640127	6,1803852	6,39E-10	2,95E-09	6,70E-10	TRUE
Rv3884c	340	117	1,539026217	-0,460135565	-3,561062	0,0003694	0,000876503	0,00019889	TRUE
Rv3885c	254	113	1,168505724	-0,830656058	-5,92474	3,13E-09	1,36E-08	3,08E-09	TRUE
Rv3887c	956	183	2,38516697	0,386005188	4,3266587	1,51E-05	4,31E-05	9,79E-06	TRUE
Rv3888c	177	26	2,767165832	0,76800405	3,4661293	0,000528	0,001216395	0,00027598	TRUE
Rv3890c	522	70	2,89862298	0,899461198	6,8147512	9,44E-12	5,04E-11	1,14E-11	TRUE
Rv3891c	107	4	4,741466986	2,742305205	6,8345438	8,23E-12	4,41E-11	1,00E-11	TRUE
Rv3893c	45	27	0,736965594	-1,262196188	-4,083262	4,44E-05	0,000118181	2,68E-05	TRUE
Rv3897c	117	11	3,410933101	1,411771319	4,6333551	3,60E-06	1,11E-05	2,52E-06	TRUE
Rv3898c	150	19	2,980891177	0,981729395	3,9304655	8,48E-05	0,00021727	4,93E-05	TRUE
Rv3900c	400	57	2,810966176	0,811804394	5,4663886	4,59E-08	1,76E-07	3,99E-08	TRUE
Rv3902c	237	18	3,718818247	1,719656466	7,6153676	2,63E-14	1,67E-13	3,78E-14	TRUE
Rv3905c	317	180	0,816485934	-1,182675848	-10,01696	1,28E-23	1,36E-22	3,10E-23	TRUE
Rv3906c	100	184	-0,879705766	-2,878867548	-18,37332	2,15E-75	8,83E-74	2,00E-74	TRUE
Rv3907c	449	303	0,567397651	-1,431764131	-15,07001	2,55E-51	6,80E-50	1,54E-50	TRUE
Rv3909	822	106	2,955074129	0,955912347	9,0004443	2,25E-19	1,89E-18	4,30E-19	TRUE
Rv3915	1200	191	2,651389862	0,652228081	7,8216887	5,21E-15	3,44E-14	7,80E-15	TRUE
Rv3916c	257	101	1,347413066	-0,651748715	-4,533271	5,81E-06	1,74E-05	3,94E-06	TRUE
Rv3917c	916	125	2,873419503	0,874257722	8,8135954	1,21E-18	9,64E-18	2,19E-18	TRUE
Rv3920c	2219	629	1,818777745	-0,180384037	-3,399565	0,0006749	0,001518499	0,00034458	TRUE
Rv3921c	2305	241	3,257661699	1,258499917	18,833857	3,99E-79	1,81E-77	4,10E-78	TRUE
Rv3922c	706	446	0,662624473	-1,336537309	-17,35338	1,86E-67	6,73E-66	1,53E-66	TRUE
Rv3923c	1665	264	2,656912343	0,657750561	9,2834469	1,64E-20	1,45E-19	3,30E-20	TRUE

Rv3924c	921	76	3,599129833	1,599968051	14,26177	3,79E-46	8,49E-45	1,93E-45	TRUE
Rv0003	788	177	2,154446269	0,155284487	1,6446519	0,1000416	0,142441933	0,03232281	FALSE
Rv0004	222	46	2,27085391	0,271692128	1,4966066	0,1344957	0,184504643	0,04186765	FALSE
Rv0005	2207	514	2,102246365	0,103084583	1,8445024	0,06511	0,097159919	0,02204745	FALSE
Rv0008c	53	8	2,727920455	0,728758673	1,8119991	0,0699863	0,103458063	0,02347662	FALSE
Rv0012	262	65	2,011055189	0,011893407	0,0744509	0,9406516	0,954200055	0,21648154	FALSE
Rv0013	116	20	2,5360529	0,536891118	2,041728	0,0411785	0,064885368	0,01472374	FALSE
Rv0019c	609	136	2,162835577	0,163673795	1,5216607	0,1280941	0,177202124	0,04021057	FALSE
Rv0022c	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv0023	95	19	2,321928095	0,322766313	1,1527782	0,2490014	0,316080355	0,0717247	FALSE
Rv0026	144	28	2,362570079	0,363408298	1,5867864	0,112561	0,158211219	0,03590116	FALSE
Rv0027	13	2	2,700439718	0,701277936	0,8676856	0,3855664	0,457551996	0,10381172	FALSE
Rv0028	27	4	2,754887502	0,75572572	1,334905	0,1819074	0,240188456	0,05450337	FALSE
Rv0029	215	45	2,256339753	0,257177971	1,397651	0,1622179	0,218357473	0,04954951	FALSE
Rv0031	22	5	2,137503524	0,138341742	0,2454888	0,806078	0,84372919	0,19145836	FALSE
Rv0032	128	41	1,642447995	-0,356713787	-1,663658	0,0961808	0,137341392	0,0311654	FALSE
Rv0033	27	14	0,94753258	-1,051629202	-2,540786	0,0110604	0,019819203	0,00449736	FALSE
Rv0034	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv0035	47	17	1,46712601	-0,532035771	-1,54993	0,1211582	0,16843424	0,03822096	FALSE
Rv0036c	201	39	2,365649472	0,36648769	1,8896193	0,0588089	0,089071526	0,02021204	FALSE
Rv0037c	217	67	1,695462042	-0,30369974	-1,827409	0,0676382	0,100476555	0,02280006	FALSE
Rv0038	438	119	1,879969296	-0,119192486	-0,986936	0,3236741	0,39485643	0,08960051	FALSE
Rv0042c	417	119	1,80908581	-0,190075972	-1,554645	0,1200306	0,167575424	0,03802105	FALSE
Rv0044c	52	18	1,530514717	-0,468647065	-1,420366	0,1555013	0,210105185	0,0476769	FALSE
Rv0045c	159	40	1,99095486	-0,008206921	-0,04016	0,9679657	0,978133911	0,22195218	FALSE
Rv0049	394	107	1,880584833	-0,118576949	-0,931106	0,3517986	0,425611554	0,0965295	FALSE
Rv0051	356	106	1,747812976	-0,251348805	-1,919738	0,054891	0,083813403	0,01901887	FALSE
Rv0052	119	33	1,850423644	-0,148738138	-0,64518	0,5188106	0,589594846	0,13377112	FALSE
Rv0057	656	151	2,119147265	0,119985483	1,1665551	0,2433901	0,310456184	0,07044847	FALSE
Rv0059	163	25	2,704871964	0,705710183	3,0895973	0,0020043	0,004158276	0,00094359	FALSE
Rv0061c	448	111	2,012939056	0,013777274	0,1127449	0,9102328	0,929559334	0,21093487	FALSE
Rv0063	149	26	2,518728802	0,51956702	2,2460772	0,0246991	0,040826955	0,00926442	FALSE
Rv0064	722	175	2,044643915	0,045482133	0,4699495	0,6383911	0,700170897	0,15888223	FALSE
Rv0064A	47	15	1,647698256	-0,351463526	-0,992343	0,3210302	0,392359237	0,08903385	FALSE
Rv0065	38	8	2,247927513	0,248765732	0,5691686	0,5692417	0,638172075	0,14477235	FALSE
Rv0067c	12	1	3,584962501	1,585800719	1,6172323	0,1058281	0,14997707	0,03403268	FALSE
Rv0068	11	2	2,459431619	0,460269837	0,5461941	0,5849325	0,652240298	0,14796402	FALSE

Rv0069c	175	32	2,451211112	0,45204933	2,1427879	0,0321301	0,05176522	0,01174652	FALSE
Rv0071	17	0	5,087462841	3,088301059	2,8893671	0,0038602	0,007608474	0,00172651	FALSE
Rv0073	888	235	1,91789892	-0,081262862	-0,951928	0,3411334	0,414360951	0,09402646	FALSE
Rv0075	277	68	2,026279325	0,027117543	0,1740842	0,8617993	0,888378535	0,20159015	FALSE
Rv0077c	29	6	2,273018494	0,273856713	0,5449939	0,5857577	0,652606912	0,14804722	FALSE
Rv0083	206	48	2,101538026	0,102376245	0,5594082	0,5758832	0,643970312	0,14612923	FALSE
Rv0084	238	41	2,537265759	0,538103977	2,9306148	0,0033829	0,006758985	0,00153374	FALSE
Rv0085	70	15	2,222392421	0,223230639	0,6962847	0,4862505	0,558710024	0,12676357	FALSE
Rv0086	242	47	2,364274386	0,365112604	2,0661385	0,0388154	0,061654432	0,01398567	FALSE
Rv0088	327	71	2,203399706	0,204237924	1,3815088	0,1671226	0,224576308	0,05095509	FALSE
Rv0089	33	6	2,459431619	0,460269837	0,946041	0,3441277	0,417419515	0,09470594	FALSE
Rv0090	22	4	2,459431619	0,460269837	0,7724372	0,4398556	0,513783596	0,1165356	FALSE
Rv0092	254	82	1,631132682	-0,3680291	-2,422745	0,0154037	0,026622379	0,00604113	FALSE
Rv0093c	98	19	2,366782331	0,367620549	1,3232232	0,1857612	0,244580868	0,05549083	FALSE
Rv0094c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv0095c	28	4	2,807354922	0,80819314	1,4406217	0,1496916	0,203335171	0,04613271	FALSE
Rv0100	71	10	2,827819025	0,828657243	2,3438176	0,0190875	0,032288706	0,00732536	FALSE
Rv0102	523	118	2,148024087	0,148862305	1,2857911	0,198516	0,259339841	0,05883437	FALSE
Rv0104	113	32	1,820178962	-0,178982819	-0,760521	0,4469433	0,520751686	0,11816856	FALSE
Rv0105c	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0106	112	15	2,900464326	0,901302545	3,1618102	0,0015679	0,00332198	0,00075362	FALSE
Rv0109	90	17	2,404390255	0,405228473	1,3887057	0,1649223	0,221808487	0,05032403	FALSE
Rv0110	124	24	2,36923381	0,370072028	1,4977377	0,1342014	0,184165058	0,04179059	FALSE
Rv0111	295	70	2,075288127	0,076126345	0,5000674	0,6170276	0,681096243	0,15455382	FALSE
Rv0117	30	8	1,906890596	-0,092271186	-0,198999	0,8422637	0,873606319	0,19821199	FALSE
Rv0119	147	34	2,112209504	0,113047722	0,5208422	0,6024767	0,668777949	0,15175856	FALSE
Rv0121c	41	9	2,187627003	0,188465221	0,4526059	0,6508325	0,711836796	0,16152944	FALSE
Rv0122	24	5	2,263034406	0,263872624	0,4785419	0,6322645	0,694997572	0,15766436	FALSE
Rv0123	39	10	1,963474124	-0,035687658	-0,086899	0,9307515	0,94573846	0,21457858	FALSE
Rv0124	9	3	1,584962501	-0,414199281	-0,517344	0,6049162	0,671013799	0,15224451	FALSE
Rv0128	197	38	2,374124306	0,374962524	1,9111712	0,0559826	0,085249161	0,01934467	FALSE
Rv0130	47	7	2,74723393	0,748072148	1,7457201	0,0808596	0,117765967	0,02672336	FALSE
Rv0131c	79	14	2,496425826	0,497264044	1,5713097	0,1161107	0,162534426	0,03687564	FALSE
Rv0132c	37	9	2,039528364	0,040366582	0,0944855	0,9247235	0,941310993	0,21357398	FALSE
Rv0135c	194	58	1,741931847	-0,257229935	-1,451721	0,1465793	0,199416556	0,04525145	FALSE
Rv0136	224	39	2,521952703	0,522790921	2,7695371	0,0056136	0,010758037	0,00244121	FALSE
Rv0137c	115	16	2,845490051	0,846328269	3,0372578	0,0023874	0,004888864	0,00110938	FALSE

Rv0138	177	45	1,975752454	-0,023409328	-0,121181	0,9035475	0,924407605	0,20976584	FALSE
Rv0140	68	18	1,91753784	-0,081623942	-0,264545	0,7913601	0,831856158	0,18857881	FALSE
Rv0142	59	21	1,490325627	-0,508836155	-1,654178	0,0980914	0,13971555	0,03170414	FALSE
Rv0149	530	129	2,038621294	0,039459512	0,3496722	0,7265847	0,776388532	0,17617747	FALSE
Rv0150c	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0151c	104	25	2,056583528	0,057421746	0,2246778	0,82223	0,856770131	0,1944176	FALSE
Rv0152c	44	15	1,552541023	-0,446620759	-1,240392	0,2148305	0,278210907	0,06310067	FALSE
Rv0153c	179	41	2,126263773	0,127101991	0,6446302	0,5191669	0,589744866	0,13382444	FALSE
Rv0154c	289	62	2,220729372	0,22156759	1,4047199	0,1601046	0,2157337	0,04895412	FALSE
Rv0157A	51	9	2,502500341	0,503338559	1,2765751	0,2017523	0,263131982	0,0597097	FALSE
Rv0160c	11	1	3,459431619	1,460269837	1,4571684	0,1450699	0,197567576	0,0448164	FALSE
Rv0161	78	19	2,037474705	0,038312924	0,1302551	0,8963646	0,918965979	0,20853103	FALSE
Rv0163	122	18	2,760812336	0,761650554	2,8569536	0,0042773	0,008343029	0,00189319	FALSE
Rv0166	1530	340	2,169925001	0,17076322	2,5138826	0,011941	0,021195038	0,00480956	FALSE
Rv0176	777	177	2,134165238	0,135003456	1,4248326	0,1542056	0,208497381	0,04731206	FALSE
Rv0178	609	124	2,296102108	0,296940326	2,6975859	0,0069844	0,013123667	0,00297801	FALSE
Rv0181c	237	53	2,160822794	0,161661012	0,9378146	0,3483397	0,421944625	0,09574734	FALSE
Rv0182c	208	61	1,769702381	-0,229459401	-1,334473	0,1820487	0,240294581	0,05452746	FALSE
Rv0183	186	38	2,291231298	0,292069516	1,4674355	0,1422576	0,1939385	0,04400837	FALSE
Rv0184	111	33	1,750021747	-0,249140035	-1,062051	0,2882124	0,357399659	0,0810881	FALSE
Rv0185	225	52	2,113341473	0,114179691	0,6507138	0,5152313	0,586456594	0,13307827	FALSE
Rv0186	408	124	1,718229032	-0,28093275	-2,308908	0,0209487	0,035009119	0,00794424	FALSE
Rv0187	122	31	1,976541027	-0,022620755	-0,097203	0,922565	0,939720177	0,21324056	FALSE
Rv0189c	579	133	2,122137102	0,122975321	1,1226582	0,2615827	0,32866586	0,07455359	FALSE
Rv0191	309	76	2,023535514	0,024373733	0,1653412	0,8686755	0,89476521	0,20303941	FALSE
Rv0192	306	99	1,628031223	-0,371130559	-2,683101	0,0072943	0,013627996	0,00309245	FALSE
Rv0192A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0193c	46	8	2,523561956	0,524400174	1,2585115	0,2082068	0,270878334	0,06145736	FALSE
Rv0195	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0199	116	26	2,157541277	0,158379495	0,6431291	0,5201403	0,590510513	0,13399818	FALSE
Rv0200	136	30	2,180572246	0,181410464	0,7944581	0,4269288	0,500388485	0,11354776	FALSE
Rv0201c	229	42	2,446886365	0,447724583	2,4295973	0,0151156	0,026204819	0,00594638	FALSE
Rv0203	64	18	1,830074999	-0,169086783	-0,53977	0,5893555	0,65587421	0,14883046	FALSE
Rv0207c	988	213	2,213657611	0,214495829	2,5179399	0,0118043	0,0209997	0,00476524	FALSE
Rv0208c	383	82	2,223648577	0,224486795	1,6376305	0,1014988	0,144464559	0,03278178	FALSE
Rv0209	103	28	1,879145605	-0,120016177	-0,481925	0,6298591	0,69312616	0,15728364	FALSE
Rv0214	65	13	2,321928095	0,322766313	0,9535364	0,3403184	0,413625772	0,09385963	FALSE

Rv0215c	119	21	2,502500341	0,503338559	1,9500327	0,0511722	0,078991485	0,01792469	FALSE
Rv0216	113	17	2,732716121	0,733554339	2,6610481	0,0077898	0,014444244	0,00327768	FALSE
Rv0217c	50	6	3,058893689	1,059731907	2,4166195	0,0156654	0,027027238	0,006133	FALSE
Rv0218	91	27	1,752907138	-0,246254644	-0,950005	0,3421099	0,415227377	0,09420857	FALSE
Rv0219	8	4	1	-0,999161782	-1,302124	0,192874	0,253016808	0,05740483	FALSE
Rv0221	533	140	1,928708706	-0,070453076	-0,638131	0,5233885	0,594027149	0,13479617	FALSE
Rv0222	318	75	2,084064265	0,084902483	0,5781742	0,5631465	0,632237334	0,1434668	FALSE
Rv0224c	55	13	2,080919995	0,081758213	0,2316553	0,8168058	0,853146697	0,19358127	FALSE
Rv0225	439	112	1,970722207	-0,028439574	-0,232074	0,8164804	0,8532588	0,19358127	FALSE
Rv0226c	208	36	2,530514717	0,531352935	2,7084686	0,0067595	0,012731266	0,00288897	FALSE
Rv0228	123	40	1,62058641	-0,378575371	-1,737356	0,0823244	0,11981081	0,02718737	FALSE
Rv0230c	172	46	1,902702799	-0,096458983	-0,498499	0,6181325	0,681934161	0,15474396	FALSE
Rv0231	358	82	2,126263773	0,127101991	0,9116897	0,3619321	0,43414238	0,09832204	FALSE
Rv0233	502	115	2,126053503	0,126891721	1,0778824	0,2810862	0,349827723	0,07938263	FALSE
Rv0234c	156	39	2	0,000838218	0,0040565	0,9967634	1	0,22680161	FALSE
Rv0236c	609	127	2,261613731	0,262451949	2,3985691	0,0164593	0,028126238	0,00638238	FALSE
Rv0237	284	68	2,062284278	0,063122496	0,4077588	0,6834508	0,739514338	0,16781001	FALSE
Rv0239	425	110	1,949959318	-0,049202464	-0,396473	0,6917559	0,74665715	0,16943085	FALSE
Rv0246	228	41	2,47533801	0,476176228	2,5656605	0,010298	0,018537261	0,00420646	FALSE
Rv0247c	919	243	1,919108548	-0,080053234	-0,953795	0,3401873	0,413593911	0,0938524	FALSE
Rv0248c	2140	539	1,989253619	-0,009908163	-0,178029	0,8587004	0,886574433	0,20118077	FALSE
Rv0250c	472	141	1,743091697	-0,256070085	-2,253934	0,0242003	0,040052859	0,00908876	FALSE
Rv0251c	86	22	1,966833136	-0,032328646	-0,116831	0,9069944	0,927452879	0,21042411	FALSE
Rv0253	40	10	2	0,000838218	0,002054	0,9983611	1	0,22680161	FALSE
Rv0257	55	12	2,196397213	0,197235431	0,5477785	0,583844	0,651579173	0,14785583	FALSE
Rv0258c	56	7	3	1,000838218	2,4401582	0,0146808	0,025518381	0,00579061	FALSE
Rv0259c	19	5	1,925999419	-0,073162363	-0,125155	0,9004007	0,922504347	0,20920151	FALSE
Rv0260c	17	9	0,91753784	-1,081623942	-2,084394	0,0371243	0,059158915	0,01342429	FALSE
Rv0262c	148	31	2,255257055	0,256095273	1,1549202	0,2481231	0,315269818	0,07154078	FALSE
Rv0263c	267	65	2,038328119	0,039166337	0,246337	0,8054214	0,843489598	0,19140254	FALSE
Rv0264c	135	37	1,867362231	-0,13179955	-0,607146	0,5437541	0,613785347	0,13927969	FALSE
Rv0266c	214	36	2,571541985	0,572380203	2,9384158	0,0032989	0,006601233	0,00149795	FALSE
Rv0267	17	3	2,502500341	0,503338559	0,7370249	0,4611072	0,534569911	0,12130418	FALSE
Rv0268c	242	60	2,011972642	0,01281086	0,0770598	0,938576	0,952339526	0,21610413	FALSE
Rv0272c	214	37	2,532013621	0,532851839	2,7542935	0,0058819	0,01122313	0,00254674	FALSE
Rv0278c	30	3	3,321928095	1,322766313	2,2324089	0,0255879	0,042181344	0,00956576	FALSE
Rv0279c	65	16	2,022367813	0,023206031	0,0722096	0,9424351	0,955517758	0,21682533	FALSE

Rv0283	1243	292	2,089786022	0,09062424	1,2192316	0,2227563	0,287014321	0,06512906	FALSE
Rv0287	1204	306	1,976231834	-0,022929948	-0,309649	0,756828	0,802832047	0,18217801	FALSE
Rv0292	647	127	2,348937215	0,349775433	3,2453805	0,0011729	0,002530671	0,00057426	FALSE
Rv0294	34	2	4,087462841	2,088301059	3,2858673	0,0010167	0,002219049	0,00050354	FALSE
Rv0298	881	216	2,028110707	0,028948925	0,3313802	0,7403573	0,788541498	0,17893521	FALSE
Rv0300	350	108	1,69632361	-0,302838172	-2,313981	0,0206688	0,034585308	0,00784807	FALSE
Rv0302	137	24	2,513069582	0,5139078	2,132358	0,0329774	0,052935678	0,01201212	FALSE
Rv0303	126	41	1,619727919	-0,379433863	-1,762667	0,0779567	0,113832308	0,02583074	FALSE
Rv0304c	106	21	2,335603032	0,33644125	1,2662806	0,2054126	0,267640387	0,06073275	FALSE
Rv0305c	175	56	1,64385619	-0,355305592	-1,93714	0,0527283	0,080855476	0,01834766	FALSE
Rv0306	16	4	2	0,000838218	0,0012991	0,9989635	1	0,22680161	FALSE
Rv0307c	26	13	1	-0,999161782	-2,347455	0,0189022	0,032037032	0,00726982	FALSE
Rv0308	660	140	2,237039197	0,237877415	2,2728714	0,0230339	0,038202619	0,00866891	FALSE
Rv0310c	13	0	4,700439718	2,701277936	2,3633382	0,0181111	0,030782293	0,00698058	FALSE
Rv0313	1448	333	2,12046752	0,121305738	1,7522089	0,0797379	0,116304077	0,02639163	FALSE
Rv0316	102	20	2,350497247	0,351335465	1,2938039	0,1957332	0,256468973	0,05819774	FALSE
Rv0317c	514	100	2,361768359	0,362606578	2,9919945	0,0027716	0,005608641	0,00127271	FALSE
Rv0318c	35	7	2,321928095	0,322766313	0,699699	0,4841153	0,556905559	0,12635414	FALSE
Rv0319	46	16	1,523561956	-0,475599826	-1,357362	0,1746664	0,232967226	0,05286234	FALSE
Rv0322	79	12	2,718818247	0,719656466	2,1880772	0,028664	0,046753818	0,01060934	FALSE
Rv0324	75	30	1,321928095	-0,677233687	-2,555781	0,010595	0,019015503	0,004314	FALSE
Rv0325	32	4	3	1,000838218	1,8445772	0,0650991	0,097217241	0,02204745	FALSE
Rv0326	7	1	2,807354922	0,80819314	0,7203075	0,4713357	0,544188486	0,12348682	FALSE
Rv0327c	15	0	4,906890596	2,907728814	2,6366199	0,0083737	0,015400193	0,00349216	FALSE
Rv0328	28	12	1,222392421	-0,776769361	-1,822255	0,0684163	0,101365133	0,0230017	FALSE
Rv0329c	13	0	4,700439718	2,701277936	2,3633382	0,0181111	0,030782293	0,00698058	FALSE
Rv0330c	19	0	5,247927513	3,248765732	3,1251991	0,0017768	0,00372166	0,00084407	FALSE
Rv0331	64	10	2,678071905	0,678910123	1,8710751	0,0613347	0,092417926	0,0209674	FALSE
Rv0332	70	16	2,129283017	0,130121235	0,4124665	0,6799975	0,736788535	0,16715256	FALSE
Rv0333	136	23	2,563900885	0,564739103	2,3142281	0,0206552	0,034584659	0,00784626	FALSE
Rv0334	185	36	2,361456459	0,362294677	1,7934057	0,0729081	0,107094768	0,02430186	FALSE
Rv0335c	3	1	1,584962501	-0,414199281	-0,298688	0,7651781	0,809729704	0,18369394	FALSE
Rv0340	198	51	1,956931278	-0,042230504	-0,231973	0,8165588	0,853114687	0,19358127	FALSE
Rv0342	954	244	1,967108118	-0,032053663	-0,385887	0,6995801	0,75386446	0,17106633	FALSE
Rv0345	100	25	2	0,000838218	0,0032477	0,9974087	1	0,22680161	FALSE
Rv0347	127	37	1,779231321	-0,219930461	-0,997772	0,3183897	0,389373332	0,08835629	FALSE
Rv0348	66	29	1,186413124	-0,812748658	-2,945644	0,0032228	0,006468616	0,00146785	FALSE

Rv0354c	9	4	1,169925001	-0,82923678	-1,11297	0,2657215	0,33275298	0,0754721	FALSE
Rv0356c	72	15	2,263034406	0,263872624	0,8288694	0,4071783	0,479233426	0,10874727	FALSE
Rv0357c	250	82	1,60823228	-0,390929502	-2,563305	0,0103681	0,018646472	0,00423124	FALSE
Rv0358	16	10	0,678071905	-1,321089877	-2,574502	0,0100385	0,018128071	0,00411361	FALSE
Rv0359	98	34	1,527247003	-0,471914779	-1,964635	0,0494565	0,07673344	0,01741229	FALSE
Rv0360c	75	14	2,421463768	0,422301987	1,3172135	0,1877671	0,246768844	0,05599659	FALSE
Rv0361	412	79	2,382719779	0,383557997	2,8231559	0,0047553	0,009216253	0,00209134	FALSE
Rv0362	44	7	2,652076697	0,652914915	1,4987399	0,1339411	0,183871818	0,04172405	FALSE
Rv0366c	6	2	1,584962501	-0,414199281	-0,422409	0,6727265	0,731623716	0,16595083	FALSE
Rv0367c	96	13	2,884522783	0,885361001	2,8834372	0,0039336	0,007741597	0,00175672	FALSE
Rv0368c	1	3	-1,584962501	-3,584124283	-2,584589	0,0097495	0,017687268	0,00401358	FALSE
Rv0369c	37	15	1,30256277	-0,696599012	-1,852634	0,0639348	0,0958051	0,02173197	FALSE
Rv0370c	41	5	3,03562391	1,036462128	2,1489342	0,0316396	0,051152555	0,01160512	FALSE
Rv0371c	1	1	0	-1,999161782	-1,095408	0,273338	0,341207532	0,07737244	FALSE
Rv0372c	10	2	2,321928095	0,322766313	0,3740024	0,7084025	0,761395133	0,17275164	FALSE
Rv0374c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv0375c	12	2	2,584962501	0,585800719	0,7104468	0,4774271	0,550415821	0,12486342	FALSE
Rv0376c	48	7	2,777607579	0,778445797	1,8261877	0,067822	0,100654734	0,0228362	FALSE
Rv0377	77	27	1,511899039	-0,487262743	-1,802876	0,0714077	0,105322338	0,02389966	FALSE
Rv0378	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0380c	24	7	1,777607579	-0,221554203	-0,437057	0,6620699	0,722124953	0,16381872	FALSE
Rv0381c	73	31	1,235628248	-0,763533533	-2,885618	0,0039065	0,007692011	0,00174547	FALSE
Rv0382c	379	104	1,86561432	-0,133547462	-1,031172	0,3024602	0,373015368	0,08464435	FALSE
Rv0384c	708	149	2,24843703	0,249275248	2,4620275	0,0138154	0,024152466	0,00548066	FALSE
Rv0387c	34	5	2,765534746	0,766372964	1,5162936	0,1294451	0,178788871	0,04056353	FALSE
Rv0388c	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv0390	269	74	1,862008997	-0,137152785	-0,892716	0,372009	0,44353193	0,10064591	FALSE
Rv0391	404	75	2,429392792	0,43023101	3,1105238	0,0018676	0,003895109	0,00088387	FALSE
Rv0393	12	4	1,584962501	-0,414199281	-0,597378	0,5502552	0,620147636	0,14070331	FALSE
Rv0395	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv0396	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv0397	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0397A	206	62	1,732304217	-0,266857565	-1,554534	0,1200572	0,167553246	0,03802105	FALSE
Rv0398c	73	21	1,797507136	-0,201654646	-0,691403	0,4893124	0,561655433	0,12745041	FALSE
Rv0399c	117	25	2,22650853	0,227346748	0,916139	0,359594	0,432126368	0,09799977	FALSE
Rv0401	61	15	2,023846742	0,02468496	0,0743914	0,9406989	0,95400272	0,21648154	FALSE
Rv0403c	119	17	2,807354922	0,80819314	2,9699764	0,0029782	0,006008247	0,00136339	FALSE

Rv0406c	18	5	1,847996907	-0,151164875	-0,255118	0,7986318	0,837713754	0,19009334	FALSE
Rv0408	250	70	1,836501268	-0,162660514	-1,025185	0,3052758	0,375548234	0,08521911	FALSE
Rv0409	369	114	1,694586992	-0,30457479	-2,390318	0,0168338	0,028716466	0,00651632	FALSE
Rv0411c	230	45	2,353636955	0,354475173	1,9591784	0,0500919	0,077536285	0,01759447	FALSE
Rv0413	109	28	1,960829403	-0,038332379	-0,156118	0,8759399	0,900366689	0,2043105	FALSE
Rv0414c	10	4	1,321928095	-0,677233687	-0,933217	0,3507078	0,424422093	0,09630953	FALSE
Rv0415	184	60	1,61667136	-0,382490421	-2,148408	0,0316814	0,051188576	0,01161567	FALSE
Rv0416	33	14	1,237039197	-0,762122585	-1,936058	0,0528606	0,081011182	0,01837942	FALSE
Rv0417	30	8	1,906890596	-0,092271186	-0,198999	0,8422637	0,873606319	0,19821199	FALSE
Rv0419	550	116	2,245306813	0,246145031	2,1438137	0,0320478	0,05167481	0,01172601	FALSE
Rv0420c	18	3	2,584962501	0,585800719	0,8701173	0,3842363	0,456385479	0,10354704	FALSE
Rv0421c	189	46	2,038680468	0,039518686	0,2091021	0,8343686	0,866899253	0,19671609	FALSE
Rv0422c	177	54	1,712718048	-0,286443734	-1,551969	0,1206695	0,168348309	0,03819464	FALSE
Rv0424c	323	60	2,428499759	0,429337977	2,7758768	0,0055053	0,010560762	0,00239644	FALSE
Rv0426c	434	129	1,750323977	-0,248837805	-2,097602	0,0359403	0,05736492	0,0130172	FALSE
Rv0427c	143	43	1,733606582	-0,2655552	-1,288556	0,1975526	0,258423726	0,05860591	FALSE
Rv0428c	62	8	2,95419631	0,955034529	2,4695777	0,0135273	0,023717063	0,00538066	FALSE
Rv0431	375	69	2,442222329	0,443060547	3,0792931	0,0020749	0,004286801	0,00097276	FALSE
Rv0432	403	98	2,039926184	0,040764403	0,3149134	0,7528274	0,799663664	0,18145905	FALSE
Rv0433	507	108	2,230954435	0,231792653	1,9430937	0,0520048	0,079932609	0,01813824	FALSE
Rv0436c	357	77	2,212993723	0,213831941	1,5087991	0,1313501	0,181008018	0,0410742	FALSE
Rv0438c	98	14	2,807354922	0,80819314	2,6951974	0,0070347	0,013211826	0,00299802	FALSE
Rv0441c	41	7	2,550197083	0,551035301	1,2427442	0,2139621	0,277405163	0,06292787	FALSE
Rv0442c	53	20	1,40599236	-0,593169422	-1,85456	0,063659	0,095482482	0,02166269	FALSE
Rv0446c	227	38	2,578620974	0,579459192	3,0600327	0,0022131	0,004560385	0,00103484	FALSE
Rv0448c	14	1	3,807354922	1,80819314	1,9164848	0,0553034	0,084394139	0,01914695	FALSE
Rv0449c	166	33	2,330645312	0,33148353	1,5626568	0,1181333	0,165102027	0,03745933	FALSE
Rv0454	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0456A	20	0	5,321928095	3,322766313	3,2376375	0,0012052	0,002592561	0,00058782	FALSE
Rv0456B	57	11	2,373458396	0,374296614	1,0262819	0,3047587	0,375087661	0,08510132	FALSE
Rv0456c	34	6	2,502500341	0,503338559	1,0423149	0,2972657	0,367528517	0,08339928	FALSE
Rv0457c	94	19	2,306661338	0,307499556	1,0953504	0,2733632	0,340969123	0,07737244	FALSE
Rv0460	336	111	1,597901556	-0,401260225	-3,055748	0,002245	0,004613997	0,001047	FALSE
Rv0463	289	51	2,502500341	0,503338559	3,0390315	0,0023734	0,004862697	0,00110344	FALSE
Rv0464c	143	31	2,205675026	0,206513245	0,9233506	0,3558245	0,429954657	0,09741892	FALSE
Rv0465c	225	49	2,199071347	0,199909565	1,122489	0,2616546	0,328546832	0,07455359	FALSE
Rv0470c	513	104	2,302375297	0,303213516	2,5253503	0,0115583	0,020608472	0,00467472	FALSE

Rv0471c	89	30	1,568842835	-0,430318947	-1,694958	0,0900835	0,129478572	0,02938118	FALSE
Rv0473	413	87	2,247054476	0,247892694	1,8702777	0,0614453	0,092425684	0,02097316	FALSE
Rv0476	381	99	1,944290567	-0,054871214	-0,419045	0,6751831	0,732981639	0,16632761	FALSE
Rv0477	262	61	2,102685664	0,103523882	0,6378339	0,5235818	0,594075588	0,13480716	FALSE
Rv0478	152	42	1,855610091	-0,143551691	-0,703119	0,4819813	0,554693369	0,12587058	FALSE
Rv0480c	49	6	3,029747343	1,030585562	2,3383138	0,019371	0,032719109	0,00742421	FALSE
Rv0481c	88	28	1,652076697	-0,347085085	-1,339943	0,180264	0,238257825	0,05406528	FALSE
Rv0488	22	1	4,459431619	2,460269837	2,9195587	0,0035053	0,006975176	0,00158121	FALSE
Rv0491	601	151	1,992816441	-0,00634534	-0,060356	0,9518721	0,963846838	0,21871536	FALSE
Rv0492A	15	3	2,321928095	0,322766313	0,4580582	0,6469107	0,708136443	0,16068976	FALSE
Rv0494	15	0	4,906890596	2,907728814	2,6366199	0,0083737	0,015400193	0,00349216	FALSE
Rv0499	173	55	1,653268514	-0,345893268	-1,871959	0,0612123	0,092286401	0,02094156	FALSE
Rv0500	319	79	2,013631866	0,014470084	0,0999063	0,9204187	0,938746174	0,21296494	FALSE
Rv0504c	367	75	2,290817562	0,29165578	2,058598	0,0395328	0,062466841	0,01417493	FALSE
Rv0513	376	121	1,635725614	-0,363436167	-2,908723	0,0036291	0,007188892	0,0016313	FALSE
Rv0515	588	177	1,732066795	-0,267094987	-2,629128	0,0085604	0,015725331	0,00356838	FALSE
Rv0516c	613	146	2,069918705	0,070756923	0,6706945	0,5024152	0,574688371	0,13040783	FALSE
Rv0519c	188	36	2,38466385	0,385502068	1,9159757	0,0553682	0,084411337	0,01915455	FALSE
Rv0520	18	0	5,169925001	3,17076322	3,0092122	0,0026193	0,005333178	0,00120895	FALSE
Rv0521	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0522	144	38	1,921997488	-0,077164294	-0,363663	0,7161097	0,767482817	0,17407992	FALSE
Rv0523c	17	5	1,765534746	-0,233627036	-0,388694	0,6975026	0,752242314	0,17069823	FALSE
Rv0524	296	83	1,834413934	-0,164747848	-1,130262	0,258366	0,325557606	0,07387527	FALSE
Rv0528	404	99	2,028854863	0,029693081	0,2301108	0,8180057	0,853947672	0,19377713	FALSE
Rv0531	51	24	1,087462841	-0,911698941	-2,954835	0,0031284	0,006288623	0,00142701	FALSE
Rv0532	335	110	1,606657572	-0,39250421	-2,98009	0,0028816	0,005825315	0,00132188	FALSE
Rv0533c	202	34	2,570748642	0,57158686	2,8512688	0,0043545	0,008468543	0,00192167	FALSE
Rv0534c	56	20	1,485426827	-0,513734955	-1,628469	0,1034254	0,146941535	0,03334386	FALSE
Rv0535	71	13	2,449307401	0,450145619	1,3595296	0,1739788	0,232207264	0,05269229	FALSE
Rv0536	75	28	1,421463768	-0,577698013	-2,142865	0,032124	0,051776405	0,01174652	FALSE
Rv0538	151	31	2,284208429	0,285046647	1,2919489	0,1963748	0,257138906	0,05834976	FALSE
Rv0539	69	28	1,301169535	-0,697992247	-2,53566	0,0112236	0,020066072	0,00455338	FALSE
Rv0540	27	11	1,295455884	-0,703705898	-1,600708	0,1094415	0,15468099	0,0350938	FALSE
Rv0541c	215	74	1,538739484	-0,460422298	-2,833564	0,0046032	0,00894337	0,00202942	FALSE
Rv0543c	477	132	1,853451337	-0,145710445	-1,264894	0,2059093	0,268198918	0,06085949	FALSE
Rv0548c	251	68	1,884080713	-0,115081069	-0,720792	0,4710376	0,544162959	0,12348103	FALSE
Rv0550c	49	11	2,155278225	0,156116444	0,4121727	0,6802128	0,736617058	0,16715256	FALSE

Rv0551c	179	38	2,235888264	0,236726482	1,1780243	0,2387869	0,304979142	0,06920563	FALSE
Rv0553	64	10	2,678071905	0,678910123	1,8710751	0,0613347	0,092417926	0,0209674	FALSE
Rv0555	409	121	1,757093796	-0,242067986	-1,978553	0,0478663	0,074412572	0,01688564	FALSE
Rv0556	320	66	2,277533976	0,278372194	1,838922	0,0659267	0,098267105	0,02229869	FALSE
Rv0557	133	31	2,101086125	0,101924343	0,4475329	0,6544904	0,715044315	0,16225729	FALSE
Rv0561c	130	23	2,498805857	0,499644075	2,0245096	0,0429177	0,067383594	0,01529063	FALSE
Rv0566c	143	23	2,636309381	0,637147599	2,643918	0,0081952	0,015114363	0,00342894	FALSE
Rv0571c	151	29	2,380423744	0,381261962	1,6994617	0,0892322	0,128489182	0,02915666	FALSE
Rv0573c	19	2	3,247927513	1,248765732	1,6988539	0,0893467	0,128560168	0,02916213	FALSE
Rv0574c	49	15	1,707819249	-0,291342533	-0,831209	0,4058557	0,477890675	0,10842639	FALSE
Rv0575c	63	24	1,392317423	-0,606844359	-2,073493	0,0381264	0,060706714	0,01377552	FALSE
Rv0576	146	39	1,90442234	-0,094739442	-0,450953	0,6520231	0,712743677	0,16173523	FALSE
Rv0579	120	44	1,447458977	-0,551702805	-2,576971	0,009967	0,018015587	0,00408808	FALSE
Rv0580c	239	65	1,878498995	-0,120662787	-0,738176	0,4604075	0,53422978	0,12119646	FALSE
Rv0583c	85	13	2,708951218	0,709789436	2,2423636	0,0249379	0,041204441	0,00935008	FALSE
Rv0585c	105	25	2,070389328	0,071227546	0,2793642	0,7799653	0,821630159	0,18644367	FALSE
Rv0587	166	30	2,468148836	0,468987054	2,1588052	0,0308653	0,050013419	0,01134641	FALSE
Rv0590A	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv0591	18	1	4,169925001	2,17076322	2,4499615	0,0142871	0,024872438	0,00564279	FALSE
Rv0592	23	2	3,523561956	1,524400174	2,175293	0,0296082	0,048035622	0,01089572	FALSE
Rv0593	34	3	3,502500341	1,503338559	2,6178032	0,0088498	0,016219119	0,00368043	FALSE
Rv0595c	23	1	4,523561956	2,524400174	3,0291375	0,0024525	0,005014401	0,00113786	FALSE
Rv0596c	14	0	4,807354922	2,80819314	2,5028209	0,0123208	0,021780899	0,00494029	FALSE
Rv0598c	84	12	2,807354922	0,80819314	2,4952603	0,0125865	0,022205797	0,0050378	FALSE
Rv0600c	4	2	1	-0,999161782	-0,920739	0,3571866	0,429888289	0,09752015	FALSE
Rv0601c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0602c	9	1	3,169925001	1,17076322	1,1111126	0,2665199	0,333382309	0,07565085	FALSE
Rv0603	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0604	60	6	3,321928095	1,322766313	3,1571202	0,0015934	0,003364131	0,00076339	FALSE
Rv0606	123	36	1,772589504	-0,226572278	-1,012752	0,3111788	0,381738496	0,0866238	FALSE
Rv0607	22	1	4,459431619	2,460269837	2,9195587	0,0035053	0,006975176	0,00158121	FALSE
Rv0609	370	102	1,858956119	-0,140205663	-1,070884	0,2842218	0,352894937	0,08006604	FALSE
Rv0609A	85	22	1,949959318	-0,049202464	-0,177291	0,8592801	0,886940817	0,20126391	FALSE
Rv0610c	112	27	2,05246742	0,053305638	0,2166008	0,8285195	0,862184931	0,19558153	FALSE
Rv0611c	362	66	2,455451768	0,456289986	3,1086394	0,0018795	0,003917963	0,00088906	FALSE
Rv0612	16	8	1	-0,999161782	-1,841487	0,0655502	0,097742846	0,02217973	FALSE
Rv0614	3	0	NA	NA	NA	NA	NA	NA	FALSE

Rv0616A	29	13	1,157541277	-0,841620505	-2,032049	0,0421487	0,066347853	0,0150526	FALSE
Rv0616c	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0618	38	8	2,247927513	0,248765732	0,5691686	0,5692417	0,638172075	0,14477235	FALSE
Rv0619	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv0620	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv0621	63	15	2,070389328	0,071227546	0,216392	0,8286822	0,862013064	0,19558153	FALSE
Rv0622	23	3	2,938599455	0,939437673	1,4835765	0,1379213	0,188580907	0,04278521	FALSE
Rv0623	26	9	1,530514717	-0,468647065	-1,004341	0,3152141	0,385848715	0,08755649	FALSE
Rv0624	81	30	1,432959407	-0,566202375	-2,178278	0,0293854	0,047772443	0,01084048	FALSE
Rv0625c	60	19	1,658963082	-0,3401987	-1,083166	0,2787348	0,347010804	0,07874342	FALSE
Rv0626	133	30	2,14839184	0,149230058	0,6498946	0,5157603	0,586889367	0,13317647	FALSE
Rv0631c	124	31	2	0,000838218	0,0036166	0,9971144	1	0,22680161	FALSE
Rv0634A	885	189	2,227291221	0,228129439	2,5284975	0,0114552	0,020433863	0,00463684	FALSE
Rv0634c	423	112	1,917158931	-0,082002851	-0,66298	0,5073432	0,57931717	0,13145819	FALSE
Rv0639	1388	297	2,224472732	0,22531095	3,1293708	0,0017518	0,003673122	0,0008335	FALSE
Rv0641	2058	542	1,924878226	-0,074283556	-1,323566	0,1856471	0,244553117	0,05549083	FALSE
Rv0646c	370	102	1,858956119	-0,140205663	-1,070884	0,2842218	0,352894937	0,08006604	FALSE
Rv0647c	302	67	2,172315549	0,173153767	1,131659	0,2577778	0,324920338	0,07373067	FALSE
Rv0648	31	8	1,95419631	-0,044965471	-0,097774	0,9221117	0,939501053	0,21319084	FALSE
Rv0649	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0650	5	1	2,321928095	0,322766313	0,2644593	0,791426	0,831371461	0,18857881	FALSE
Rv0653c	20	3	2,736965594	0,737803812	1,1251444	0,2605278	0,327601404	0,0743272	FALSE
Rv0654	171	32	2,417852515	0,418690733	1,9732222	0,0484703	0,075232848	0,01707178	FALSE
Rv0656c	32	3	3,415037499	1,415875717	2,4284156	0,015165	0,02627304	0,00596055	FALSE
Rv0657c	29	3	3,273018494	1,273856713	2,1317209	0,0330298	0,052998172	0,0120263	FALSE
Rv0658c	127	34	1,901221846	-0,097939936	-0,435035	0,6635368	0,722925151	0,1640456	FALSE
Rv0662c	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv0666	27	2	3,754887502	1,75572572	2,6078618	0,009111	0,016643667	0,00377327	FALSE
Rv0671	175	50	1,807354922	-0,19180686	-1,016523	0,3093804	0,379886824	0,08620362	FALSE
Rv0674	60	25	1,263034406	-0,736127376	-2,510228	0,0120653	0,021386828	0,00485308	FALSE
Rv0676c	660	176	1,906890596	-0,092271186	-0,933562	0,3505299	0,424467295	0,09629149	FALSE
Rv0680c	70	8	3,129283017	1,130121235	3,0123511	0,0025923	0,005291995	0,00120086	FALSE
Rv0689c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0690c	485	125	1,956056652	-0,043105129	-0,370665	0,7108874	0,763337809	0,17321601	FALSE
Rv0691c	139	33	2,074546953	0,075385171	0,3399481	0,7338956	0,782504505	0,17755967	FALSE
Rv0698	91	22	2,048363022	0,04920124	0,1803354	0,8568893	0,884936215	0,20080903	FALSE
Rv0699	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE

Rv0702	1348	385	1,807890146	-0,191271636	-2,814143	0,0048908	0,009464737	0,00214773	FALSE
Rv0706	643	190	1,758819319	-0,240342463	-2,462559	0,0137949	0,024138075	0,00547739	FALSE
Rv0711	361	115	1,650364976	-0,348796806	-2,728364	0,0063649	0,012063084	0,00273735	FALSE
Rv0712	132	51	1,371968777	-0,627193004	-3,113045	0,0018517	0,003864032	0,00087682	FALSE
Rv0718	833	215	1,953979836	-0,045181946	-0,509412	0,6104634	0,675931373	0,15338181	FALSE
Rv0720	608	148	2,038474148	0,039312366	0,3731412	0,7090434	0,76177257	0,17286083	FALSE
Rv0724A	25	3	3,058893689	1,059731907	1,7087995	0,0874881	0,126369903	0,02866001	FALSE
Rv0725c	44	11	2	0,000838218	0,0021543	0,9982811	1	0,22680161	FALSE
Rv0727c	18	0	5,169925001	3,17076322	3,0092122	0,0026193	0,005333178	0,00120895	FALSE
Rv0728c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv0729	56	10	2,485426827	0,486265045	1,296145	0,1949255	0,255495596	0,05797686	FALSE
Rv0734	439	101	2,119865647	0,120703865	0,959838	0,3371368	0,410264533	0,0930969	FALSE
Rv0735	127	23	2,465122731	0,465960949	1,8770401	0,0605126	0,091301332	0,02071803	FALSE
Rv0736	38	9	2,078002512	0,07884073	0,1857759	0,8526205	0,881335399	0,19996573	FALSE
Rv0737	25	3	3,058893689	1,059731907	1,7087995	0,0874881	0,126369903	0,02866001	FALSE
Rv0738	36	12	1,584962501	-0,414199281	-1,034697	0,3008105	0,371096889	0,08420901	FALSE
Rv0739	48	13	1,884522783	-0,114638999	-0,313951	0,753558	0,800224177	0,18158624	FALSE
Rv0740	116	36	1,688055994	-0,311105788	-1,370383	0,1705673	0,228582256	0,05184624	FALSE
Rv0741	72	27	1,415037499	-0,584124283	-2,125289	0,0335625	0,053765454	0,01220041	FALSE
Rv0742	14	5	1,485426827	-0,513734955	-0,814223	0,4155172	0,487738087	0,11067714	FALSE
Rv0743c	48	14	1,777607579	-0,221554203	-0,618097	0,5365116	0,606304228	0,13758208	FALSE
Rv0744c	160	40	2	0,000838218	0,0041082	0,9967222	1	0,22680161	FALSE
Rv0745	10	0	4,321928095	2,322766313	1,903164	0,0570192	0,086593586	0,01963463	FALSE
Rv0746	76	14	2,440572591	0,44141081	1,3813832	0,1671612	0,224551671	0,05095509	FALSE
Rv0747	310	72	2,106199404	0,107037622	0,7169271	0,4734191	0,546274101	0,12396009	FALSE
Rv0748	70	10	2,807354922	0,80819314	2,2778437	0,0227359	0,037811666	0,00857838	FALSE
Rv0749A	30	9	1,736965594	-0,262196188	-0,58237	0,5603174	0,629419528	0,14282738	FALSE
Rv0750	87	19	2,195015982	0,195854201	0,684288	0,4937933	0,56630444	0,12850536	FALSE
Rv0753c	272	62	2,133266531	0,134104749	0,8374221	0,4023554	0,474406435	0,10765193	FALSE
Rv0754	64	22	1,540568381	-0,458593401	-1,539272	0,1237378	0,171717785	0,03896606	FALSE
Rv0755A	245	52	2,236198221	0,237036439	1,3799499	0,1676021	0,22506726	0,05107208	FALSE
Rv0756c	81	14	2,532495081	0,533333299	1,6958522	0,0899139	0,129281911	0,02933655	FALSE
Rv0760c	195	45	2,115477217	0,116315436	0,6168793	0,5373144	0,607037469	0,13774846	FALSE
Rv0763c	28	2	3,807354922	1,80819314	2,7103247	0,0067217	0,012684465	0,00287534	FALSE
Rv0765c	75	9	3,058893689	1,059731907	2,9597571	0,0030788	0,00620483	0,001408	FALSE
Rv0767c	18	3	2,584962501	0,585800719	0,8701173	0,3842363	0,456385479	0,10354704	FALSE
Rv0769	69	12	2,523561956	0,524400174	1,5413641	0,1232282	0,171070759	0,03881924	FALSE

Rv0770	21	8	1,392317423	-0,606844359	-1,197114	0,2312621	0,296617179	0,06730814	FALSE
Rv0771	11	2	2,459431619	0,460269837	0,5461941	0,5849325	0,652240298	0,14796402	FALSE
Rv0772	205	42	2,287162677	0,288000895	1,5201815	0,1284654	0,177591081	0,04029883	FALSE
Rv0773c	368	72	2,353636955	0,354475173	2,4782735	0,013202	0,023193161	0,00526297	FALSE
Rv0774c	110	30	1,874469118	-0,124692664	-0,517859	0,6045568	0,670898118	0,15223967	FALSE
Rv0776c	19	6	1,662965013	-0,336196769	-0,601936	0,547217	0,617340908	0,14008651	FALSE
Rv0777	826	167	2,306293679	0,307131897	3,2439158	0,001179	0,00254094	0,00057659	FALSE
Rv0779c	15	1	3,906890596	1,907728814	2,0571599	0,0396708	0,062634838	0,01421305	FALSE
Rv0780	191	60	1,670538232	-0,328623549	-1,863156	0,0624403	0,093743658	0,02127224	FALSE
Rv0782	113	27	2,06529146	0,066129678	0,2693075	0,7876931	0,828885144	0,18808996	FALSE
Rv0784	72	10	2,847996907	0,848835125	2,4092996	0,0159832	0,027479352	0,00623559	FALSE
Rv0785	189	45	2,070389328	0,071227546	0,3748152	0,7077979	0,761263924	0,17274541	FALSE
Rv0786c	45	5	3,169925001	1,17076322	2,4845405	0,0129719	0,022809219	0,00517585	FALSE
Rv0787	24	4	2,584962501	0,585800719	1,0047263	0,3150286	0,385861172	0,08753213	FALSE
Rv0787A	412	108	1,931613025	-0,067548757	-0,537623	0,5908372	0,657337659	0,14916254	FALSE
Rv0790c	24	3	3	1,000838218	1,5974481	0,1101659	0,155537553	0,03527552	FALSE
Rv0791c	70	10	2,807354922	0,80819314	2,2778437	0,0227359	0,037811666	0,00857838	FALSE
Rv0793	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0795	47	11	2,095157233	0,095995451	0,2508168	0,8019558	0,840529769	0,19073235	FALSE
Rv0796	24	3	3	1,000838218	1,5974481	0,1101659	0,155537553	0,03527552	FALSE
Rv0797	28	10	1,485426827	-0,513734955	-1,151491	0,2495304	0,316598994	0,07183084	FALSE
Rv0800	123	46	1,418952549	-0,580209233	-2,757381	0,0058266	0,011123069	0,00252404	FALSE
Rv0801	87	24	1,857980995	-0,141180787	-0,522934	0,6010199	0,667536552	0,15147687	FALSE
Rv0806c	101	17	2,570748642	0,57158686	2,0161034	0,0437892	0,068547121	0,01555157	FALSE
Rv0811c	346	82	2,077076223	0,077914441	0,5541281	0,5794912	0,647270779	0,14687817	FALSE
Rv0812	238	57	2,061927749	0,062765967	0,371188	0,7104975	0,763126951	0,17316816	FALSE
Rv0813c	252	77	1,710493383	-0,288668399	-1,866958	0,0619075	0,093049943	0,02111482	FALSE
Rv0814c	162	51	1,667424661	-0,331737121	-1,733068	0,0830835	0,12069293	0,02738742	FALSE
Rv0815c	260	74	1,812914447	-0,186247334	-1,201998	0,2293644	0,294470447	0,066821	FALSE
Rv0816c	34	11	1,628031223	-0,371130559	-0,894287	0,3711682	0,442730163	0,10044879	FALSE
Rv0817c	84	15	2,485426827	0,486265045	1,5874578	0,112409	0,158110228	0,03587825	FALSE
Rv0818	839	219	1,937739941	-0,061421841	-0,696962	0,4858265	0,55846681	0,12672685	FALSE
Rv0819	209	49	2,092649288	0,093487506	0,5153379	0,6063169	0,672094961	0,15251126	FALSE
Rv0821c	980	255	1,942284502	-0,05687728	-0,697	0,4858025	0,558602073	0,12672685	FALSE
Rv0823c	1041	257	2,018129804	0,018968022	0,2364422	0,8130895	0,85039118	0,19297009	FALSE
Rv0824c	3855	1052	1,873596156	-0,125565626	-3,091097	0,0019942	0,004141689	0,00093983	FALSE
Rv0825c	142	35	2,020464103	0,021302321	0,0980079	0,921926	0,939554545	0,21319084	FALSE

Rv0826	62	13	2,253756592	0,25459481	0,7433067	0,457296	0,531088205	0,12051412	FALSE
Rv0827c	168	32	2,392317423	0,393155641	1,8446981	0,0650815	0,097283053	0,02204745	FALSE
Rv0828c	13	0	4,700439718	2,701277936	2,3633382	0,0181111	0,030782293	0,00698058	FALSE
Rv0829	40	11	1,862496476	-0,136665306	-0,342969	0,7316221	0,78050246	0,177111	FALSE
Rv0830	58	9	2,688055994	0,688894212	1,8042782	0,0711877	0,105056805	0,02383495	FALSE
Rv0832	47	8	2,554588852	0,55542707	1,3401595	0,1801935	0,238324342	0,05406224	FALSE
Rv0833	149	43	1,792903766	-0,206258016	-1,011165	0,3119373	0,382549992	0,08680794	FALSE
Rv0834c	334	72	2,213779291	0,214617509	1,4645402	0,1430464	0,194946446	0,04423709	FALSE
Rv0835	91	17	2,420331799	0,421170017	1,4473297	0,1478046	0,201014246	0,04561399	FALSE
Rv0836c	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0837c	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv0841	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0843	33	8	2,044394119	0,045232337	0,0999037	0,9204208	0,938505548	0,21296494	FALSE
Rv0844c	129	31	2,057030945	0,057869163	0,2521613	0,8009164	0,839886768	0,19058644	FALSE
Rv0846c	119	32	1,894817763	-0,104344019	-0,449143	0,6533283	0,713972562	0,16201409	FALSE
Rv0848	203	33	2,620941798	0,621780016	3,0823883	0,0020535	0,004249148	0,00096421	FALSE
Rv0851c	69	19	1,860596943	-0,138564839	-0,456868	0,6477662	0,708777873	0,16081301	FALSE
Rv0852	25	1	4,64385619	2,644694408	3,240331	0,0011939	0,0025717	0,00058357	FALSE
Rv0853c	145	53	1,451988635	-0,547173146	-2,807277	0,0049962	0,009654632	0,00219003	FALSE
Rv0854	203	32	2,665335917	0,666174135	3,2771555	0,0010486	0,002279836	0,00051722	FALSE
Rv0855	221	64	1,787902559	-0,211259222	-1,262456	0,2067849	0,269161596	0,06107794	FALSE
Rv0856	135	52	1,376375879	-0,622785903	-3,123717	0,0017858	0,003736492	0,00084788	FALSE
Rv0858c	65	15	2,115477217	0,116315436	0,3561426	0,7217338	0,772041761	0,17519111	FALSE
Rv0859	675	209	1,69138456	-0,307777222	-3,269042	0,0010791	0,002339776	0,00053094	FALSE
Rv0861c	784	166	2,239670413	0,240508631	2,5035402	0,0122958	0,021765944	0,00493911	FALSE
Rv0865	179	32	2,483815777	0,484653995	2,3103571	0,0208684	0,034889762	0,00791716	FALSE
Rv0868c	73	14	2,382469637	0,383307855	1,187534	0,235017	0,300748608	0,0682235	FALSE
Rv0870c	299	87	1,781058178	-0,218103604	-1,517848	0,1290526	0,17834039	0,04046886	FALSE
Rv0871	355	69	2,363150758	0,363988976	2,4953092	0,0125847	0,022217648	0,0050378	FALSE
Rv0873	1061	287	1,886302014	-0,112859768	-1,453129	0,146188	0,198952845	0,04514622	FALSE
Rv0874c	128	21	2,607682577	0,608520795	2,4008959	0,016355	0,027984413	0,0063502	FALSE
Rv0875c	46	14	1,716207034	-0,282954748	-0,781038	0,4347799	0,508683419	0,11543004	FALSE
Rv0876c	617	129	2,257899424	0,258737642	2,3816422	0,0172356	0,02937655	0,0066661	FALSE
Rv0878c	90	19	2,243925583	0,244763801	0,8624505	0,3884397	0,46020006	0,10442823	FALSE
Rv0879c	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv0881	101	26	1,957771765	-0,041390017	-0,162353	0,8710281	0,896486076	0,20342991	FALSE
Rv0882	16	3	2,415037499	0,415875717	0,5997955	0,5486425	0,618772104	0,14041128	FALSE

Rv0884c	276	52	2,408084739	0,408922957	2,4526026	0,0141827	0,024706951	0,00560648	FALSE
Rv0885	547	111	2,300981156	0,301819375	2,5963542	0,0094219	0,017156012	0,00389303	FALSE
Rv0886	91	38	1,259867127	-0,739294655	-3,106463	0,0018934	0,003942754	0,00089469	FALSE
Rv0887c	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv0888	240	56	2,099535674	0,100373892	0,592212	0,5537086	0,623416177	0,14146511	FALSE
Rv0889c	246	52	2,242074787	0,242913005	1,4156024	0,1568919	0,211766542	0,0480539	FALSE
Rv0890c	269	78	1,786060144	-0,213101638	-1,40544	0,1598904	0,215518746	0,04890534	FALSE
Rv0893c	52	17	1,612976877	-0,386184905	-1,153834	0,2485681	0,315631912	0,07162294	FALSE
Rv0895	26	6	2,115477217	0,116315436	0,2252419	0,8217911	0,856539104	0,19436518	FALSE
Rv0897c	152	35	2,118644496	0,119482715	0,5591507	0,5760589	0,643984202	0,14613239	FALSE
Rv0898c	125	18	2,795859283	0,796697501	3,0066202	0,0026417	0,005365009	0,00121742	FALSE
Rv0899	87	16	2,442943496	0,443781714	1,4853068	0,1374626	0,188051468	0,04267249	FALSE
Rv0900	54	16	1,754887502	-0,24427428	-0,725673	0,4680391	0,541253794	0,12280288	FALSE
Rv0904c	28	3	3,222392421	1,223230639	2,0291217	0,0424459	0,066735748	0,01513457	FALSE
Rv0905	324	77	2,073063462	0,07390168	0,5089562	0,610783	0,676095415	0,15341904	FALSE
Rv0906	268	63	2,088809267	0,089647485	0,559973	0,5754979	0,643721951	0,14607288	FALSE
Rv0907	279	48	2,539158811	0,539997029	3,1831661	0,0014567	0,003095573	0,00070245	FALSE
Rv0909	139	29	2,260960078	0,261798296	1,1430455	0,2530197	0,319637955	0,07253199	FALSE
Rv0910	268	58	2,208108195	0,208946413	1,278452	0,2010901	0,262355064	0,0595334	FALSE
Rv0911	165	31	2,412125904	0,412964122	1,9136797	0,0556611	0,084792341	0,01924101	FALSE
Rv0912	84	12	2,807354922	0,80819314	2,4952603	0,0125865	0,022205797	0,0050378	FALSE
Rv0915c	29	8	1,857980995	-0,141180787	-0,301911	0,7627199	0,807995469	0,18330046	FALSE
Rv0916c	6	6	0	-1,999161782	-2,683198	0,0072922	0,01363374	0,00309245	FALSE
Rv0918	20	3	2,736965594	0,737803812	1,1251444	0,2605278	0,327601404	0,0743272	FALSE
Rv0921	302	63	2,261124816	0,261963034	1,6859279	0,0918097	0,131719671	0,02988972	FALSE
Rv0922	469	118	1,990801063	-0,008360719	-0,070274	0,9439757	0,95683375	0,2171151	FALSE
Rv0924c	154	30	2,359895945	0,360734163	1,6296427	0,103177	0,146694388	0,03328777	FALSE
Rv0926c	151	22	2,778973121	0,779811339	3,2440048	0,0011786	0,002541535	0,00057659	FALSE
Rv0927c	35	4	3,129283017	1,130121235	2,1300394	0,0331684	0,053198872	0,0120674	FALSE
Rv0929	135	26	2,376375879	0,377214097	1,5909522	0,1116203	0,157281379	0,03569017	FALSE
Rv0931c	3501	818	2,097594313	0,098432532	2,2208859	0,0263587	0,043316113	0,00982926	FALSE
Rv0934	602	128	2,233619677	0,234457895	2,1407381	0,0322952	0,051967416	0,0117924	FALSE
Rv0938	819	213	1,943010021	-0,05615176	-0,628943	0,5293863	0,599282322	0,13598867	FALSE
Rv0940c	131	25	2,389566812	0,39040503	1,6183042	0,1055971	0,149703367	0,03397057	FALSE
Rv0942	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0944	69	9	2,938599455	0,939437673	2,5696545	0,01018	0,018341671	0,00416208	FALSE
Rv0945	138	32	2,108524457	0,109362675	0,4885068	0,6251909	0,688950232	0,15633604	FALSE

Rv0946c	240	57	2,074000581	0,0748388	0,4435118	0,6573956	0,718019409	0,1629324	FALSE
Rv0949	469	94	2,318855261	0,319693479	2,5385697	0,0111307	0,019918028	0,00451978	FALSE
Rv0953c	33	14	1,237039197	-0,762122585	-1,936058	0,0528606	0,081011182	0,01837942	FALSE
Rv0956	129	25	2,367371066	0,368209284	1,520439	0,1284007	0,177563922	0,04029266	FALSE
Rv0957	263	63	2,061639066	0,062477284	0,388424	0,6977023	0,752252016	0,17070043	FALSE
Rv0959A	97	33	1,555518723	-0,443643059	-1,828508	0,0674733	0,100382809	0,02277879	FALSE
Rv0961	511	105	2,282933963	0,283772181	2,3667802	0,0179436	0,030543591	0,00693093	FALSE
Rv0962c	9	0	4,169925001	2,17076322	1,7323823	0,0832055	0,12075899	0,02738742	FALSE
Rv0963c	17	2	3,087462841	1,088301059	1,4399515	0,1498811	0,203452465	0,04614579	FALSE
Rv0964c	14	1	3,807354922	1,80819314	1,9164848	0,0553034	0,084394139	0,01914695	FALSE
Rv0965c	118	28	2,075288127	0,076126345	0,3162547	0,7518092	0,798797264	0,18126244	FALSE
Rv0967	544	104	2,387023123	0,387861341	3,278096	0,0010451	0,002273507	0,0005159	FALSE
Rv0974c	60	21	1,514573173	-0,484588609	-1,581985	0,113653	0,159632293	0,03622363	FALSE
Rv0975c	59	11	2,423211431	0,424049649	1,1727674	0,2408891	0,307564459	0,06979228	FALSE
Rv0976c	69	22	1,649092838	-0,350068944	-1,197316	0,2311833	0,296612525	0,06730708	FALSE
Rv0977	95	32	1,569855608	-0,429306174	-1,746735	0,0806834	0,117596162	0,02668483	FALSE
Rv0978c	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv0979A	171	41	2,06030051	0,061138728	0,3065561	0,7591813	0,804895415	0,18264623	FALSE
Rv0979c	3	1	1,584962501	-0,414199281	-0,298688	0,7651781	0,809729704	0,18369394	FALSE
Rv0980c	10	0	4,321928095	2,322766313	1,903164	0,0570192	0,086593586	0,01963463	FALSE
Rv0982	939	274	1,776949265	-0,222212517	-2,743008	0,0060879	0,0115938	0,00263086	FALSE
Rv0984	1250	361	1,791857353	-0,207304429	-2,945158	0,0032279	0,006475502	0,00146942	FALSE
Rv0986	44	4	3,459431619	1,460269837	2,9143535	0,0035643	0,00707827	0,0016062	FALSE
Rv0988	284	53	2,421826665	0,422664883	2,5653878	0,0103061	0,018543375	0,00420785	FALSE
Rv0992c	111	33	1,750021747	-0,249140035	-1,062051	0,2882124	0,357399659	0,0810881	FALSE
Rv0993	667	205	1,702062852	-0,29709893	-3,131058	0,0017418	0,003654025	0,00082917	FALSE
Rv0997	191	64	1,577428828	-0,421732954	-2,429943	0,0151012	0,026191321	0,00594331	FALSE
Rv0998	211	62	1,766902878	-0,232258904	-1,361122	0,1734751	0,231848733	0,05258096	FALSE
Rv0999	97	29	1,741931847	-0,257229935	-1,02649	0,3046606	0,375201008	0,08510132	FALSE
Rv1000c	60	11	2,447458977	0,448297195	1,2450479	0,2131141	0,276578545	0,06276098	FALSE
Rv1002c	287	53	2,436986472	0,43782469	2,6643923	0,0077128	0,014314877	0,00324832	FALSE
Rv1003	105	29	1,856264523	-0,142897259	-0,581651	0,5608021	0,629784568	0,14291022	FALSE
Rv1004c	96	16	2,584962501	0,585800719	2,0094867	0,0444855	0,069540624	0,0157801	FALSE
Rv1005c	161	38	2,082989365	0,083827583	0,4062436	0,6845636	0,740109378	0,16794503	FALSE
Rv1008	25	10	1,321928095	-0,677233687	-1,475554	0,1400636	0,191178745	0,04337462	FALSE
Rv1009	411	116	1,825013589	-0,174148193	-1,410185	0,158485	0,213770457	0,04850862	FALSE
Rv1012	12	3	2	0,000838218	0,001125	0,9991024	1	0,22680161	FALSE

Rv1019	345	68	2,34298971	0,343827929	2,3317881	0,0197118	0,033252138	0,00754555	FALSE
Rv1020	737	174	2,082577313	0,083415531	0,865104	0,3869817	0,459024341	0,10416144	FALSE
Rv1021	234	59	1,98772167	-0,011440112	-0,067952	0,9458236	0,958214297	0,21743723	FALSE
Rv1023	391	102	1,938599455	-0,060562327	-0,469002	0,6390685	0,700718942	0,15900659	FALSE
Rv1024	94	33	1,510194732	-0,48896705	-1,999547	0,0455492	0,071118801	0,01613822	FALSE
Rv1025	87	12	2,857980995	0,858819213	2,674931	0,0074745	0,013918453	0,00315836	FALSE
Rv1026	119	30	1,987927168	-0,011234614	-0,047585	0,9620472	0,972651654	0,22071334	FALSE
Rv1028A	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1028c	164	26	2,657112286	0,657950505	2,9133421	0,0035758	0,007097665	0,0016106	FALSE
Rv1029	97	18	2,429987841	0,430826059	1,5259879	0,1270129	0,175953198	0,03992716	FALSE
Rv1030	79	17	2,216317907	0,217156125	0,720324	0,4713255	0,544336142	0,12348682	FALSE
Rv1031	37	7	2,402098444	0,402936662	0,8857137	0,3757718	0,447612206	0,10157181	FALSE
Rv1034c	1	1	0	-1,999161782	-1,095408	0,273338	0,341207532	0,07737244	FALSE
Rv1035c	4	3	0,415037499	-1,584124283	-1,615523	0,1061976	0,150365522	0,0341147	FALSE
Rv1037c	100	17	2,556393349	0,557231567	1,9605859	0,0499273	0,077342284	0,01755045	FALSE
Rv1038c	101	22	2,198779864	0,199618082	0,7509747	0,4526679	0,526410769	0,11943511	FALSE
Rv1039c	10	0	4,321928095	2,322766313	1,903164	0,0570192	0,086593586	0,01963463	FALSE
Rv1040c	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv1044	33	2	4,044394119	2,045232337	3,194172	0,0014023	0,002987185	0,00067767	FALSE
Rv1047	17	2	3,087462841	1,088301059	1,4399515	0,1498811	0,203452465	0,04614579	FALSE
Rv1048c	67	11	2,606657572	0,60749579	1,7343812	0,0828505	0,120398762	0,02732079	FALSE
Rv1049	43	5	3,10433666	1,105174878	2,318846	0,0204034	0,034264831	0,00777339	FALSE
Rv1050	27	3	3,169925001	1,17076322	1,9245101	0,0542907	0,082944958	0,01881816	FALSE
Rv1051c	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1053c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1054	45	15	1,584962501	-0,414199281	-1,15683	0,247342	0,314581337	0,07136154	FALSE
Rv1058	288	69	2,061400545	0,062238763	0,404934	0,685526	0,740946749	0,16813505	FALSE
Rv1062	46	20	1,201633861	-0,797527921	-2,406734	0,0160959	0,027612968	0,00626591	FALSE
Rv1064c	19	7	1,440572591	-0,55858919	-1,039408	0,2986151	0,368907793	0,08369916	FALSE
Rv1067c	9	4	1,169925001	-0,82923678	-1,11297	0,2657215	0,33275298	0,0754721	FALSE
Rv1068c	13	2	2,700439718	0,701277936	0,8676856	0,3855664	0,457551996	0,10381172	FALSE
Rv1073	1109	274	2,017011567	0,017849785	0,2297043	0,8183216	0,854051424	0,19380067	FALSE
Rv1075c	24	7	1,777607579	-0,221554203	-0,437057	0,6620699	0,722124953	0,16381872	FALSE
Rv1076	265	47	2,495259698	0,496097916	2,871831	0,004081	0,007987847	0,0018126	FALSE
Rv1079	704	175	2,008220507	0,009058725	0,0930112	0,9258947	0,941895436	0,21373417	FALSE
Rv1082	284	54	2,394859617	0,395697835	2,412961	0,0158235	0,027264281	0,00618679	FALSE
Rv1083	58	11	2,398549376	0,399387595	1,0998506	0,2713972	0,339268049	0,07698644	FALSE

Rv1084	100	34	1,556393349	-0,442768433	-1,85263	0,0639355	0,095769656	0,02173197	FALSE
Rv1085c	130	43	1,596103058	-0,403058724	-1,909711	0,0561705	0,085469251	0,01939461	FALSE
Rv1086	318	68	2,225420114	0,226258332	1,5034985	0,1327105	0,182691241	0,04145615	FALSE
Rv1087A	5	1	2,321928095	0,322766313	0,2644593	0,791426	0,831371461	0,18857881	FALSE
Rv1088	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1089	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1089A	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1090	83	15	2,468148836	0,468987054	1,5264748	0,1268917	0,175847049	0,03990307	FALSE
Rv1096	192	41	2,227410496	0,228248714	1,1780926	0,2387597	0,305043159	0,06920563	FALSE
Rv1098c	516	137	1,913195172	-0,085966609	-0,768186	0,4423766	0,516193264	0,11713417	FALSE
Rv1099c	393	84	2,226068079	0,226906298	1,6760523	0,0937279	0,13408161	0,03042569	FALSE
Rv1100	190	34	2,482392767	0,483230985	2,3738902	0,0176018	0,029974712	0,00680184	FALSE
Rv1104	123	25	2,298658316	0,299496534	1,2220658	0,2216828	0,286098433	0,06492123	FALSE
Rv1108c	528	157	1,74977337	-0,249388411	-2,319046	0,0203926	0,034268537	0,00777339	FALSE
Rv1109c	545	128	2,09011242	0,090950638	0,8100299	0,417923	0,490416025	0,11128482	FALSE
Rv1111c	332	60	2,468148836	0,468987054	3,0531357	0,0022646	0,004649516	0,00105506	FALSE
Rv1115	47	4	3,554588852	1,55542707	3,1558777	0,0016002	0,003372176	0,00076501	FALSE
Rv1116	13	0	4,700439718	2,701277936	2,3633382	0,0181111	0,030782293	0,00698058	FALSE
Rv1116A	51	12	2,087462841	0,088301059	0,240651	0,8098257	0,847202226	0,19224646	FALSE
Rv1118c	34	8	2,087462841	0,088301059	0,1964897	0,8442269	0,875067208	0,19856956	FALSE
Rv1119c	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1120c	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1121	502	150	1,742724863	-0,256436918	-2,32796	0,0199142	0,033550478	0,00761325	FALSE
Rv1124	99	30	1,722466024	-0,276695757	-1,119265	0,2630272	0,330112692	0,07489699	FALSE
Rv1125	75	12	2,64385619	0,644694408	1,9348605	0,0530074	0,081173073	0,01841615	FALSE
Rv1126c	233	38	2,616258631	0,617096849	3,2801172	0,0010376	0,002261022	0,00051307	FALSE
Rv1134	12	6	1	-0,999161782	-1,594772	0,1107632	0,156241026	0,03545409	FALSE
Rv1135A	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv1136	2	1	1	-0,999161782	-0,65106	0,5150075	0,58645576	0,13305887	FALSE
Rv1139c	96	23	2,061400545	0,062238763	0,2337761	0,8151588	0,852103458	0,19335864	FALSE
Rv1140	177	46	1,944043594	-0,055118188	-0,286898	0,7741902	0,817511719	0,18550911	FALSE
Rv1142c	355	76	2,223747701	0,224585919	1,5772906	0,1147287	0,160799533	0,0364885	FALSE
Rv1143	145	27	2,425021588	0,425859806	1,845835	0,0649162	0,097091158	0,02203185	FALSE
Rv1144	77	13	2,566346823	0,567185041	1,7481103	0,0804449	0,117291985	0,0266158	FALSE
Rv1146	118	20	2,560714954	0,561553173	2,144661	0,03198	0,051628717	0,01171555	FALSE
Rv1147	35	7	2,321928095	0,322766313	0,699699	0,4841153	0,556905559	0,12635414	FALSE
Rv1154c	39	15	1,378511623	-0,620650159	-1,672513	0,0944232	0,134929383	0,03061807	FALSE

Rv1155	187	51	1,874469118	-0,124692664	-0,675221	0,4995354	0,571891916	0,12977326	FALSE
Rv1158c	132	22	2,584962501	0,585800719	2,3563519	0,0184554	0,031320219	0,00710716	FALSE
Rv1159	263	76	1,790991476	-0,208170306	-1,356357	0,1749855	0,233314027	0,05286234	FALSE
Rv1160	63	15	2,070389328	0,071227546	0,216392	0,8286822	0,862013064	0,19558153	FALSE
Rv1163	117	38	1,622437206	-0,376724576	-1,685624	0,0918683	0,131755858	0,02989794	FALSE
Rv1165	401	83	2,272418995	0,273257213	2,0225558	0,043119	0,067672587	0,01535621	FALSE
Rv1166	315	93	1,760049207	-0,239112575	-1,714238	0,0864849	0,125127158	0,02839376	FALSE
Rv1167c	185	48	1,94641896	-0,052742822	-0,280555	0,7790518	0,821325972	0,18635388	FALSE
Rv1170	73	14	2,382469637	0,383307855	1,187534	0,235017	0,300748608	0,0682235	FALSE
Rv1171	143	42	1,767553914	-0,231607868	-1,11724	0,2638915	0,330934246	0,07509106	FALSE
Rv1178	952	253	1,911824189	-0,087337593	-1,060452	0,2889391	0,358131878	0,081267	FALSE
Rv1183	96	25	1,941106311	-0,058055471	-0,222657	0,8238027	0,858182184	0,19473802	FALSE
Rv1185c	1438	374	1,942953501	-0,056208281	-0,83439	0,4040613	0,476275504	0,10806733	FALSE
Rv1187	337	62	2,442408471	0,443246689	2,920214	0,0034979	0,006974602	0,00158121	FALSE
Rv1188	55	15	1,874469118	-0,124692664	-0,366175	0,7142342	0,766201438	0,17384218	FALSE
Rv1189	40	9	2,152003093	0,152841312	0,3647949	0,7152645	0,766785336	0,17399832	FALSE
Rv1190	30	2	3,906890596	1,907728814	2,9092699	0,0036227	0,007181746	0,00162927	FALSE
Rv1191	101	33	1,613817363	-0,385344418	-1,604353	0,1086362	0,153625427	0,03486056	FALSE
Rv1192	479	132	1,859487726	-0,139674056	-1,213762	0,2248385	0,289413564	0,0656735	FALSE
Rv1193	202	64	1,658211483	-0,340950299	-1,992186	0,0463506	0,072284223	0,01640268	FALSE
Rv1195	562	175	1,683215208	-0,315946573	-3,066291	0,0021673	0,004468339	0,00101395	FALSE
Rv1199c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv1200	176	27	2,704544116	0,705382335	3,2091392	0,0013313	0,002847487	0,00064615	FALSE
Rv1203c	12	7	0,777607579	-1,221554203	-2,026341	0,0427299	0,067115345	0,01522976	FALSE
Rv1207	222	71	1,644668747	-0,354493035	-2,176555	0,0295138	0,047921982	0,01087442	FALSE
Rv1209	242	83	1,543823806	-0,455337976	-2,970437	0,0029738	0,006002321	0,00136204	FALSE
Rv1210	135	31	2,122619287	0,123457505	0,5441081	0,5863671	0,652916962	0,1481594	FALSE
Rv1211	1086	227	2,258259901	0,259098119	3,1643172	0,0015545	0,003297924	0,00074836	FALSE
Rv1212c	101	17	2,570748642	0,57158686	2,0161034	0,0437892	0,068547121	0,01555157	FALSE
Rv1213	177	31	2,51340924	0,514247458	2,425225	0,0152989	0,026464412	0,00600528	FALSE
Rv1217c	115	29	1,987509056	-0,011652726	-0,048523	0,9612998	0,972145231	0,22059843	FALSE
Rv1221	676	168	2,008562014	0,009400232	0,0945724	0,9246545	0,941605268	0,21357398	FALSE
Rv1223	1505	359	2,067707738	0,068545956	1,0187112	0,3083401	0,378727267	0,08594049	FALSE
Rv1224	262	45	2,541569905	0,542408123	3,0971299	0,001954	0,004060455	0,0009214	FALSE
Rv1225c	28	10	1,485426827	-0,513734955	-1,151491	0,2495304	0,316598994	0,07183084	FALSE
Rv1226c	125	47	1,411195433	-0,587966349	-2,820663	0,0047924	0,009283604	0,00210663	FALSE
Rv1227c	58	8	2,857980995	0,858819213	2,1840585	0,028958	0,047194282	0,01070532	FALSE

Rv1228	44	10	2,137503524	0,138341742	0,3471757	0,7284593	0,778180843	0,17658418	FALSE
Rv1229c	559	134	2,060615282	0,061453501	0,5571496	0,5774252	0,645328691	0,14643748	FALSE
Rv1236	140	26	2,428843299	0,429681517	1,8287938	0,0674305	0,100356954	0,02277292	FALSE
Rv1237	103	23	2,162938571	0,163776789	0,6260852	0,5312591	0,601229787	0,13643059	FALSE
Rv1244	152	37	2,038474148	0,039312366	0,1865464	0,8520163	0,881288289	0,19996573	FALSE
Rv1249c	269	82	1,713910358	-0,285251424	-1,904952	0,0567863	0,086339635	0,01959212	FALSE
Rv1254	150	24	2,64385619	0,644694408	2,7363532	0,0062124	0,01181665	0,00268078	FALSE
Rv1256c	32	4	3	1,000838218	1,8445772	0,0650991	0,097217241	0,02204745	FALSE
Rv1257c	215	61	1,817455512	-0,18170627	-1,065536	0,2866333	0,355609231	0,08069457	FALSE
Rv1258c	63	9	2,807354922	0,80819314	2,1609489	0,0306993	0,049764889	0,01129261	FALSE
Rv1259	102	21	2,280107919	0,280946137	1,0472904	0,2949657	0,364913591	0,08279636	FALSE
Rv1260	524	139	1,914481929	-0,084679853	-0,762363	0,4458435	0,51962369	0,1179126	FALSE
Rv1261c	215	58	1,890211854	-0,108949927	-0,630883	0,5281168	0,598532322	0,13581848	FALSE
Rv1262c	76	19	2	0,000838218	0,0028313	0,997741	1	0,22680161	FALSE
Rv1264	825	197	2,06619849	0,067036708	0,7376854	0,4607056	0,534261413	0,12123418	FALSE
Rv1265	305	66	2,208271313	0,209109531	1,3648907	0,1722874	0,230495759	0,05230392	FALSE
Rv1266c	281	49	2,519716476	0,520554694	3,0899321	0,002002	0,004155777	0,00094303	FALSE
Rv1268c	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv1269c	37	12	1,624490865	-0,374670917	-0,942386	0,3459953	0,41936244	0,09516139	FALSE
Rv1271c	19	1	4,247927513	2,248765732	2,5725352	0,0100957	0,018214691	0,00413137	FALSE
Rv1272c	188	29	2,696607857	0,697446075	3,2839436	0,0010237	0,002233015	0,00050671	FALSE
Rv1273c	95	20	2,247927513	0,248765732	0,8999481	0,3681479	0,439592833	0,09975206	FALSE
Rv1279	312	63	2,308122295	0,308960513	2,0046541	0,045	0,070317012	0,01595628	FALSE
Rv1281c	314	87	1,851677253	-0,147484529	-1,039029	0,2987913	0,368952021	0,0837223	FALSE
Rv1282c	129	42	1,618909833	-0,380251949	-1,787628	0,073836	0,108336733	0,02458369	FALSE
Rv1283c	220	78	1,495957495	-0,503204287	-3,155979	0,0015996	0,003373715	0,00076501	FALSE
Rv1284	193	43	2,166192283	0,167030501	0,8735799	0,3823471	0,454620702	0,10316217	FALSE
Rv1285	85	23	1,88582898	-0,113332802	-0,412934	0,6796547	0,736821941	0,16715256	FALSE
Rv1286	176	34	2,371968777	0,372806996	1,7967139	0,0723811	0,106558746	0,0241712	FALSE
Rv1288	55	8	2,781359714	0,782197932	1,9629657	0,0496502	0,076973366	0,01745987	FALSE
Rv1289	261	47	2,473317145	0,474155363	2,7343908	0,0062496	0,011878724	0,00269551	FALSE
Rv1290A	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv1291c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1300	805	236	1,770201924	-0,228959858	-2,619829	0,0087974	0,01613058	0,00366034	FALSE
Rv1303	654	157	2,058526077	0,059364295	0,5823746	0,5603144	0,629595412	0,14282738	FALSE
Rv1304	1271	280	2,182465298	0,183303516	2,4539943	0,0141279	0,024644193	0,00559224	FALSE
Rv1306	881	239	1,882131401	-0,117030381	-1,373993	0,1694439	0,227153882	0,05154558	FALSE

Rv1307	1733	424	2,031135485	0,031973703	0,5131876	0,6078201	0,673382732	0,15280348	FALSE
Rv1308	3068	746	2,040050947	0,040889165	0,872194	0,3831026	0,455381716	0,10333486	FALSE
Rv1314c	100	25	2	0,000838218	0,0032477	0,9974087	1	0,22680161	FALSE
Rv1316c	46	10	2,201633861	0,202472079	0,5137923	0,6073972	0,673103289	0,15274007	FALSE
Rv1318c	109	38	1,520256811	-0,478904971	-2,105211	0,035273	0,056368138	0,01279101	FALSE
Rv1319c	105	17	2,626782676	0,627620895	2,235348	0,0253945	0,041923799	0,00951332	FALSE
Rv1322A	1359	319	2,090917127	0,091755345	1,2905542	0,1968583	0,257686405	0,058474	FALSE
Rv1323	1508	345	2,127968162	0,12880638	1,8962717	0,0579241	0,087866444	0,01993858	FALSE
Rv1325c	57	23	1,309328058	-0,689833724	-2,274478	0,0229373	0,038106368	0,00864707	FALSE
Rv1327c	688	204	1,753839413	-0,245322369	-2,602335	0,0092591	0,016875265	0,00382932	FALSE
Rv1329c	164	60	1,450661409	-0,548500373	-2,993492	0,002758	0,005584051	0,00126713	FALSE
Rv1330c	81	26	1,639410285	-0,359751497	-1,335384	0,1817506	0,240061693	0,05447461	FALSE
Rv1333	503	125	2,008630305	0,009468523	0,082166	0,9345147	0,948706833	0,2152798	FALSE
Rv1339	295	88	1,745139526	-0,254022256	-1,766916	0,0772423	0,112872814	0,02561301	FALSE
Rv1341	204	44	2,212993723	0,213831941	1,1404982	0,2540788	0,320770413	0,07278897	FALSE
Rv1343c	43	6	2,841302254	0,842140472	1,8493585	0,0644061	0,096401333	0,02187531	FALSE
Rv1344	120	26	2,206450877	0,207289096	0,8489003	0,3959368	0,467957618	0,10618857	FALSE
Rv1345	196	68	1,527247003	-0,471914779	-2,778506	0,005461	0,010480776	0,00237829	FALSE
Rv1346	222	47	2,239827015	0,240665233	1,3328437	0,1825831	0,240919272	0,05466921	FALSE
Rv1347c	28	7	2	0,000838218	0,0017185	0,9986288	1	0,22680161	FALSE
Rv1348	134	35	1,936806174	-0,062355608	-0,282757	0,7773631	0,819983928	0,1860701	FALSE
Rv1349	49	15	1,707819249	-0,291342533	-0,831209	0,4058557	0,477890675	0,10842639	FALSE
Rv1351	64	15	2,093109404	0,093947623	0,2865425	0,7744627	0,817580518	0,18552472	FALSE
Rv1353c	18	0	5,169925001	3,17076322	3,0092122	0,0026193	0,005333178	0,00120895	FALSE
Rv1355c	128	20	2,678071905	0,678910123	2,6461384	0,0081416	0,015026049	0,0034097	FALSE
Rv1356c	48	5	3,263034406	1,263872624	2,72576	0,0064154	0,012141165	0,00275506	FALSE
Rv1357c	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1358	32	10	1,678071905	-0,321089877	-0,744126	0,4568005	0,530669013	0,12041899	FALSE
Rv1359	26	2	3,700439718	1,701277936	2,5032576	0,0123056	0,021773562	0,00494029	FALSE
Rv1360	283	74	1,935204877	-0,063956905	-0,421605	0,6733133	0,731555856	0,16599586	FALSE
Rv1365c	57	11	2,373458396	0,374296614	1,0262819	0,3047587	0,375087661	0,08510132	FALSE
Rv1368	187	59	1,664251411	-0,334910371	-1,880858	0,0599913	0,090584112	0,02055528	FALSE
Rv1369c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv1370c	16	5	1,678071905	-0,321089877	-0,526174	0,5987677	0,665503639	0,15099428	FALSE
Rv1371	1	1	0	-1,999161782	-1,095408	0,273338	0,341207532	0,07737244	FALSE
Rv1373	71	15	2,242856524	0,243694742	0,7628152	0,4455736	0,519462694	0,11787606	FALSE
Rv1376	132	24	2,459431619	0,460269837	1,892128	0,0584739	0,088598225	0,02010464	FALSE

Rv1379	700	207	1,757724154	-0,241437628	-2,581635	0,0098333	0,017814748	0,00404251	FALSE
Rv1382	46	7	2,716207034	0,717045252	1,6643423	0,096044	0,137195843	0,03113237	FALSE
Rv1383	80	28	1,514573173	-0,484588609	-1,826731	0,0677402	0,100590088	0,02282582	FALSE
Rv1384	355	109	1,70349089	-0,295670892	-2,272475	0,0230578	0,038226193	0,00867426	FALSE
Rv1385	21	13	0,691877705	-1,307284077	-2,911672	0,003595	0,00713214	0,00161842	FALSE
Rv1388	1534	332	2,208043336	0,208881554	3,0587721	0,0022225	0,004574838	0,00103812	FALSE
Rv1389	475	109	2,123599378	0,124437597	1,0286466	0,3036458	0,374126522	0,08489649	FALSE
Rv1391	1296	351	1,884522783	-0,114638999	-1,63195	0,1026901	0,146054694	0,03314262	FALSE
Rv1395	97	14	2,79255792	0,793396138	2,6390758	0,0083132	0,015314065	0,00347506	FALSE
Rv1396c	210	66	1,669851398	-0,329310384	-1,957958	0,050235	0,077727247	0,01763781	FALSE
Rv1397c	600	124	2,27462238	0,275460598	2,4931509	0,0126615	0,022313209	0,0050633	FALSE
Rv1399c	139	28	2,311586151	0,312424369	1,3521701	0,1763209	0,234065843	0,05311404	FALSE
Rv1400c	96	36	1,415037499	-0,584124283	-2,454093	0,014124	0,024648331	0,00559224	FALSE
Rv1401	115	40	1,523561956	-0,475599826	-2,146227	0,0318548	0,051447786	0,01167449	FALSE
Rv1403c	17	1	4,087462841	2,088301059	2,3234536	0,0201548	0,033912342	0,00769208	FALSE
Rv1406	40	8	2,321928095	0,322766313	0,7480107	0,4544537	0,528098252	0,11983564	FALSE
Rv1407	130	29	2,164386818	0,165225036	0,7094212	0,4780631	0,550746593	0,12495673	FALSE
Rv1409	482	127	1,924204649	-0,074957132	-0,646123	0,5181997	0,58915531	0,13369066	FALSE
Rv1410c	2114	593	1,833871367	-0,165290415	-3,032462	0,0024257	0,004962065	0,00112599	FALSE
Rv1411c	735	185	1,990218979	-0,008942803	-0,094115	0,9250179	0,941246287	0,21358686	FALSE
Rv1413	34	10	1,765534746	-0,233627036	-0,549699	0,5825257	0,650291967	0,14756374	FALSE
Rv1414	23	9	1,353636955	-0,645524827	-1,341642	0,179712	0,238046707	0,05399017	FALSE
Rv1418	426	130	1,712341807	-0,286819975	-2,411205	0,0158999	0,02736006	0,00620852	FALSE
Rv1419	634	146	2,118514471	0,119352689	1,1408971	0,2539128	0,320663443	0,07276469	FALSE
Rv1420	579	149	1,958251018	-0,040910764	-0,384242	0,7007991	0,754765556	0,1712708	FALSE
Rv1422	242	65	1,896495424	-0,102666358	-0,630042	0,5286673	0,598812094	0,13588197	FALSE
Rv1423	320	94	1,767339243	-0,231822539	-1,673001	0,0943272	0,134841002	0,03059801	FALSE
Rv1425	469	120	1,966553517	-0,032608265	-0,275235	0,7831359	0,824529665	0,18710162	FALSE
Rv1426c	244	47	2,376148486	0,376986704	2,1377276	0,0325389	0,052316861	0,0118717	FALSE
Rv1430	42	5	3,070389328	1,071227546	2,2344354	0,0254544	0,042005148	0,00953177	FALSE
Rv1431	80	11	2,862496476	0,863334694	2,5765282	0,0099798	0,018030395	0,00409144	FALSE
Rv1432	45	14	1,684498174	-0,314663608	-0,863805	0,3876952	0,459663259	0,10429075	FALSE
Rv1434	8	3	1,415037499	-0,584124283	-0,708414	0,4786884	0,551144976	0,12504713	FALSE
Rv1439c	52	13	2	0,000838218	0,002342	0,9981314	1	0,22680161	FALSE
Rv1441c	34	11	1,628031223	-0,371130559	-0,894287	0,3711682	0,442730163	0,10044879	FALSE
Rv1443c	104	28	1,893084796	-0,106076986	-0,426983	0,669392	0,72860002	0,16531053	FALSE
Rv1447c	627	124	2,338125322	0,338963541	3,1018633	0,0019231	0,004002415	0,00090822	FALSE

Rv1449c	1089	249	2,128786307	0,129624525	1,621257	0,1049625	0,149071733	0,0338048	FALSE
Rv1450c	68	15	2,180572246	0,181410464	0,5617563	0,574282	0,643182834	0,1458522	FALSE
Rv1452c	25	7	1,836501268	-0,162660514	-0,32417	0,7458095	0,793384364	0,18000988	FALSE
Rv1453	19	4	2,247927513	0,248765732	0,402461	0,6873448	0,7426073	0,16848878	FALSE
Rv1454c	108	22	2,295455884	0,296294102	1,1335076	0,2570012	0,324044937	0,07353202	FALSE
Rv1455	55	11	2,321928095	0,322766313	0,8771237	0,3804195	0,452669912	0,10270401	FALSE
Rv1456c	164	30	2,450661409	0,451499627	2,0720195	0,0382636	0,060900616	0,01381952	FALSE
Rv1458c	153	46	1,733825887	-0,265335895	-1,331702	0,1829583	0,241333566	0,05476322	FALSE
Rv1459c	238	71	1,745070644	-0,254091138	-1,587481	0,1124038	0,158159313	0,03587825	FALSE
Rv1460	97	29	1,741931847	-0,257229935	-1,02649	0,3046606	0,375201008	0,08510132	FALSE
Rv1465	129	49	1,396517411	-0,602644371	-2,944456	0,0032352	0,006486908	0,00147142	FALSE
Rv1467c	106	34	1,640457613	-0,358704169	-1,522914	0,1277803	0,17683004	0,04012613	FALSE
Rv1469	161	36	2,160991877	0,161830095	0,7737275	0,4390919	0,513423837	0,11649059	FALSE
Rv1470	40	4	3,321928095	1,322766313	2,5777685	0,0099441	0,017994664	0,00408106	FALSE
Rv1471	45	7	2,684498174	0,685336392	1,5820256	0,1136437	0,159676127	0,03622363	FALSE
Rv1473A	48	16	1,584962501	-0,414199281	-1,19477	0,232177	0,297548713	0,06750855	FALSE
Rv1474c	104	16	2,700439718	0,701277936	2,4542361	0,0141184	0,024649435	0,00559224	FALSE
Rv1475c	1077	282	1,933251182	-0,0659106	-0,84808	0,3963933	0,468356822	0,10627916	FALSE
Rv1476	301	62	2,279423366	0,280261584	1,7950019	0,0726534	0,106760433	0,02422599	FALSE
Rv1477	901	195	2,208052982	0,2088912	2,3439183	0,0190824	0,032300769	0,00732536	FALSE
Rv1478	339	60	2,498250868	0,499089086	3,2660972	0,0010904	0,002361653	0,0005359	FALSE
Rv1480	444	113	1,974236904	-0,024924878	-0,204424	0,8380221	0,870236765	0,19747344	FALSE
Rv1482c	5	2	1,321928095	-0,677233687	-0,659883	0,5093289	0,580911835	0,13174386	FALSE
Rv1484	679	184	1,883705808	-0,115455974	-1,189609	0,2342	0,299897656	0,06805254	FALSE
Rv1487	554	166	1,738702735	-0,260459047	-2,485692	0,01293	0,022745668	0,00516143	FALSE
Rv1488	731	156	2,228325377	0,229163595	2,3079065	0,0210043	0,035087295	0,00796198	FALSE
Rv1489	299	71	2,074254555	0,075092773	0,4967005	0,6194003	0,68314169	0,15501797	FALSE
Rv1490	43	4	3,426264755	1,427102973	2,8318375	0,0046281	0,008985168	0,00203841	FALSE
Rv1491c	149	45	1,727315424	-0,271846358	-1,347942	0,1776769	0,235707296	0,05348651	FALSE
Rv1493	370	76	2,283453947	0,284292165	2,0173827	0,0436556	0,068378738	0,01551645	FALSE
Rv1494	56	13	2,106915204	0,107753422	0,3066891	0,7590801	0,8050045	0,18264623	FALSE
Rv1495	26	4	2,700439718	0,701277936	1,2270964	0,2197864	0,284022735	0,06441693	FALSE
Rv1496	212	37	2,518467089	0,519305307	2,6779776	0,0074068	0,013812052	0,00313422	FALSE
Rv1497	739	227	1,702882067	-0,296279715	-3,286242	0,0010153	0,002217324	0,00050315	FALSE
Rv1499	17	1	4,087462841	2,088301059	2,3234536	0,0201548	0,033912342	0,00769208	FALSE
Rv1503c	179	29	2,625834782	0,626673	2,9147371	0,0035599	0,007073138	0,00160503	FALSE
Rv1504c	24	7	1,777607579	-0,221554203	-0,437057	0,6620699	0,722124953	0,16381872	FALSE

Rv1507c	226	42	2,42786154	0,428699758	2,3187005	0,0204113	0,034256207	0,00777339	FALSE
Rv1508A	74	9	3,039528364	1,040366582	2,8959365	0,0037803	0,00746967	0,00169501	FALSE
Rv1509	196	40	2,292781749	0,293619967	1,5139599	0,130036	0,179510684	0,04073442	FALSE
Rv1510	72	28	1,362570079	-0,636591702	-2,337343	0,0194214	0,03277613	0,00743753	FALSE
Rv1512	252	54	2,222392421	0,223230639	1,3211714	0,1864442	0,245275498	0,05565772	FALSE
Rv1513	146	24	2,604862058	0,605700276	2,5535315	0,0106637	0,019125731	0,00434	FALSE
Rv1514c	79	11	2,84434913	0,845187348	2,5144496	0,0119218	0,021175284	0,004804	FALSE
Rv1516c	76	13	2,547487795	0,548326013	1,6844711	0,0920907	0,132002739	0,02994852	FALSE
Rv1518	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv1519	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv1524	141	32	2,139551352	0,140389571	0,6304803	0,5283804	0,598659054	0,13584724	FALSE
Rv1525	132	44	1,584962501	-0,414199281	-1,981357	0,0475513	0,073981164	0,01678775	FALSE
Rv1526c	33	4	3,044394119	1,045232337	1,9412739	0,0522251	0,080224203	0,01820087	FALSE
Rv1527c	745	167	2,157392323	0,158230541	1,6286372	0,1033898	0,146943979	0,03334386	FALSE
Rv1531	152	46	1,724365557	-0,274796224	-1,376923	0,1685361	0,226013669	0,05128684	FALSE
Rv1532c	39	13	1,584962501	-0,414199281	-1,076948	0,2815037	0,350126279	0,07943841	FALSE
Rv1534	113	35	1,690895945	-0,308265836	-1,339539	0,1803953	0,238351388	0,05408651	FALSE
Rv1535	599	143	2,066540856	0,067379074	0,6317083	0,5275775	0,598265001	0,13575782	FALSE
Rv1536	1187	265	2,16325567	0,164093888	2,1300239	0,0331696	0,053179289	0,0120674	FALSE
Rv1537	54	8	2,754887502	0,75572572	1,8878521	0,0590458	0,089361733	0,02027789	FALSE
Rv1538c	109	29	1,91020333	-0,088958452	-0,365498	0,7147397	0,766431026	0,17391792	FALSE
Rv1539	821	178	2,205504981	0,206343199	2,2110787	0,0270304	0,044253987	0,01004208	FALSE
Rv1540	270	50	2,432959407	0,433797625	2,5622842	0,0103986	0,018692869	0,00424177	FALSE
Rv1541c	50	8	2,64385619	0,644694408	1,5797979	0,1141532	0,160277701	0,03635546	FALSE
Rv1542c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1545	319	74	2,107959248	0,108797466	0,7389932	0,4599111	0,533810923	0,12113195	FALSE
Rv1550	122	44	1,471305719	-0,527856063	-2,475794	0,013294	0,023334031	0,00529494	FALSE
Rv1551	68	19	1,839535328	-0,159626454	-0,524393	0,600005	0,666597144	0,1512637	FALSE
Rv1553	6	3	1	-0,999161782	-1,127672	0,2594587	0,326621426	0,07409303	FALSE
Rv1554	13	1	3,700439718	1,701277936	1,7700667	0,076716	0,112228491	0,02544792	FALSE
Rv1555	13	5	1,378511623	-0,620650159	-0,965617	0,3342359	0,406985636	0,09232435	FALSE
Rv1556	51	7	2,86507042	0,865908638	2,0623932	0,0391703	0,062055718	0,01407623	FALSE
Rv1557	222	54	2,039528364	0,040366582	0,2314535	0,8169625	0,853084526	0,19358127	FALSE
Rv1558	104	40	1,378511623	-0,620650159	-2,731266	0,0063092	0,011974647	0,00271695	FALSE
Rv1559	558	161	1,793204434	-0,205957348	-1,954092	0,0506904	0,078309011	0,01776749	FALSE
Rv1560	71	12	2,564784619	0,565622837	1,6744484	0,0940425	0,134482841	0,03051674	FALSE
Rv1561	64	12	2,415037499	0,415875717	1,1996054	0,2302926	0,29556592	0,06706958	FALSE

Rv1562c	133	32	2,055282436	0,056120654	0,2483803	0,8038402	0,842169156	0,19107898	FALSE
Rv1563c	149	51	1,546743178	-0,452418603	-2,314616	0,0206339	0,034578405	0,00784484	FALSE
Rv1564c	404	80	2,336283388	0,337121606	2,4770057	0,013249	0,023265345	0,00527935	FALSE
Rv1567c	37	16	1,209453366	-0,789708416	-2,134425	0,032808	0,052706628	0,01196015	FALSE
Rv1568	132	36	1,874469118	-0,124692664	-0,56729	0,5705174	0,639238805	0,14505556	FALSE
Rv1570	131	38	1,785495488	-0,213666294	-0,983434	0,3253941	0,396831908	0,09004878	FALSE
Rv1571	45	4	3,491853096	1,492691314	2,9958434	0,0027369	0,005546871	0,00125855	FALSE
Rv1572c	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv1573	1	2	-1	-2,999161782	-1,954274	0,0506689	0,078306429	0,01776749	FALSE
Rv1574	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1575	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1576c	195	65	1,584962501	-0,414199281	-2,408253	0,0160291	0,027546249	0,00624901	FALSE
Rv1577c	75	12	2,64385619	0,644694408	1,9348605	0,0530074	0,081173073	0,01841615	FALSE
Rv1578c	44	17	1,371968777	-0,627193004	-1,797261	0,0722942	0,106550265	0,0241712	FALSE
Rv1579c	5	1	2,321928095	0,322766313	0,2644593	0,791426	0,831371461	0,18857881	FALSE
Rv1581c	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv1583c	10	3	1,736965594	-0,262196188	-0,336229	0,7366979	0,784855879	0,17809888	FALSE
Rv1584c	43	4	3,426264755	1,427102973	2,8318375	0,0046281	0,008985168	0,00203841	FALSE
Rv1586c	139	53	1,391020618	-0,608141164	-3,087281	0,00202	0,004188614	0,00095048	FALSE
Rv1587c	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1588c	83	22	1,915607813	-0,083553969	-0,299282	0,7647249	0,809684555	0,18369394	FALSE
Rv1589	419	95	2,140950825	0,141789043	1,0975002	0,2724228	0,340388249	0,0772284	FALSE
Rv1591	374	118	1,664251411	-0,334910371	-2,660095	0,0078119	0,014478369	0,00328542	FALSE
Rv1598c	349	104	1,746643508	-0,252518274	-1,909997	0,0561335	0,085446047	0,01938935	FALSE
Rv1603	365	111	1,717336787	-0,281824994	-2,191096	0,0284448	0,046415569	0,01053258	FALSE
Rv1604	257	54	2,250737047	0,251575265	1,4962589	0,1345862	0,184564663	0,04188127	FALSE
Rv1605	298	71	2,069421401	0,070259619	0,4643425	0,6424024	0,704178694	0,15979167	FALSE
Rv1608c	124	17	2,866733469	0,867571687	3,2211588	0,0012767	0,002739629	0,00062167	FALSE
Rv1609	463	136	1,767405542	-0,23175624	-2,011879	0,0442327	0,069172821	0,01569664	FALSE
Rv1611	1693	385	2,136651622	0,13748984	2,1415571	0,0322291	0,051903527	0,01177791	FALSE
Rv1613	1291	348	1,891329789	-0,107831992	-1,530274	0,1259488	0,174663204	0,03963444	FALSE
Rv1616	227	53	2,098628033	0,099466251	0,5708293	0,5681154	0,637271628	0,14460917	FALSE
Rv1617	818	180	2,184103937	0,184942155	1,9854821	0,0470909	0,073351642	0,01664153	FALSE
Rv1621c	255	86	1,568088682	-0,4310731	-2,874586	0,0040456	0,007930304	0,00179954	FALSE
Rv1622c	237	79	1,584962501	-0,414199281	-2,655003	0,0079308	0,014684948	0,0033323	FALSE
Rv1624c	145	52	1,479469372	-0,51969241	-2,653619	0,0079634	0,014731489	0,00334286	FALSE
Rv1626	1146	293	1,967634474	-0,031527308	-0,41598	0,6774246	0,735212592	0,16683386	FALSE

Rv1629	338	67	2,334790246	0,335628464	2,2561705	0,02406	0,039837302	0,00903985	FALSE
Rv1632c	94	15	2,647698256	0,648536474	2,1775904	0,0294365	0,047826044	0,01085041	FALSE
Rv1633	560	168	1,736965594	-0,262196188	-2,516547	0,0118511	0,021073388	0,00478196	FALSE
Rv1638	1178	311	1,921353054	-0,077808728	-1,049262	0,2940577	0,364018736	0,08260284	FALSE
Rv1640c	354	63	2,490325627	0,491163845	3,2891018	0,0010051	0,00219857	0,00049873	FALSE
Rv1643	625	176	1,828280761	-0,170881021	-1,705503	0,0881006	0,126952391	0,02880794	FALSE
Rv1644	774	199	1,959565136	-0,039596646	-0,429915	0,6672574	0,726577351	0,16487436	FALSE
Rv1645c	211	44	2,26166757	0,262505788	1,4119665	0,1579598	0,213134985	0,04836442	FALSE
Rv1646	619	171	1,855943084	-0,143218698	-1,41573	0,1568546	0,211788604	0,0480539	FALSE
Rv1647	119	20	2,572889668	0,573727887	2,1957861	0,0281073	0,045902704	0,01041621	FALSE
Rv1648	242	46	2,395301281	0,396139499	2,229695	0,0257677	0,042433319	0,00962894	FALSE
Rv1649	250	45	2,473931188	0,474769406	2,6793226	0,0073771	0,013763194	0,00312313	FALSE
Rv1650	606	184	1,719612027	-0,279549754	-2,79958	0,0051169	0,009854057	0,00223607	FALSE
Rv1652	68	11	2,628031223	0,628869441	1,8020646	0,0715352	0,105471026	0,0239334	FALSE
Rv1653	58	24	1,273018494	-0,726143287	-2,430352	0,0150842	0,026173351	0,00593924	FALSE
Rv1654	78	26	1,584962501	-0,414199281	-1,523054	0,1277453	0,176843575	0,04012613	FALSE
Rv1655	46	13	1,823122238	-0,176039544	-0,477001	0,6333614	0,695815446	0,15789389	FALSE
Rv1656	76	13	2,547487795	0,548326013	1,6844711	0,0920907	0,132002739	0,02994852	FALSE
Rv1657	54	9	2,584962501	0,585800719	1,5071001	0,131785	0,181543841	0,04119157	FALSE
Rv1658	366	94	1,961110987	-0,038050795	-0,283981	0,7764246	0,819213102	0,18589519	FALSE
Rv1659	195	37	2,397876948	0,398715166	2,0135884	0,0440528	0,068918719	0,01563898	FALSE
Rv1661	919	252	1,866641128	-0,132520654	-1,593348	0,1110822	0,156579034	0,03553079	FALSE
Rv1663	163	41	1,99117615	-0,007985632	-0,039564	0,9684407	0,978112732	0,22195257	FALSE
Rv1664	465	120	1,95419631	-0,044965471	-0,378725	0,7048918	0,758345139	0,17208308	FALSE
Rv1666c	78	17	2,197939378	0,198777596	0,6572643	0,511011	0,582325143	0,13214076	FALSE
Rv1667c	62	9	2,784271309	0,785109527	2,0908474	0,0365417	0,058277661	0,01322432	FALSE
Rv1668c	100	27	1,888968688	-0,110193094	-0,435247	0,663383	0,723057262	0,1640456	FALSE
Rv1669	6	2	1,584962501	-0,414199281	-0,422409	0,6727265	0,731623716	0,16595083	FALSE
Rv1671	20	8	1,321928095	-0,677233687	-1,319773	0,1869107	0,245807227	0,05577838	FALSE
Rv1672c	114	37	1,623436649	-0,375725133	-1,65917	0,0970816	0,138552554	0,03143455	FALSE
Rv1673c	24	5	2,263034406	0,263872624	0,4785419	0,6322645	0,694997572	0,15766436	FALSE
Rv1674c	8	2	2	0,000838218	0,0009186	0,9992671	1	0,22680161	FALSE
Rv1675c	21	5	2,070389328	0,071227546	0,1249325	0,900577	0,922205786	0,20920151	FALSE
Rv1677	431	110	1,970184346	-0,028977436	-0,23432	0,8147365	0,85188778	0,1933097	FALSE
Rv1678	367	104	1,819196535	-0,179965247	-1,378447	0,1680654	0,225459169	0,05116102	FALSE
Rv1679	335	79	2,084236537	0,085074755	0,5946166	0,5520998	0,621782312	0,14109435	FALSE
Rv1680	133	32	2,055282436	0,056120654	0,2483803	0,8038402	0,842169156	0,19107898	FALSE

Rv1681	97	23	2,076350886	0,077189104	0,2906835	0,7712934	0,815107512	0,18496355	FALSE
Rv1684	112	15	2,900464326	0,901302545	3,1618102	0,0015679	0,00332198	0,00075362	FALSE
Rv1686c	37	6	2,624490865	0,625329083	1,3225991	0,1859687	0,244731626	0,05553431	FALSE
Rv1687c	60	12	2,321928095	0,322766313	0,916127	0,3596003	0,431936539	0,09799977	FALSE
Rv1688	34	5	2,765534746	0,766372964	1,5162936	0,1294451	0,178788871	0,04056353	FALSE
Rv1689	384	103	1,898461974	-0,100699808	-0,778212	0,4364438	0,510478789	0,11583744	FALSE
Rv1690	199	33	2,592230501	0,593068719	2,9254634	0,0034394	0,006861476	0,001557	FALSE
Rv1694	501	134	1,902577603	-0,096584179	-0,851989	0,3942201	0,466627901	0,10588683	FALSE
Rv1695	465	112	2,053731984	0,054570202	0,4517602	0,6514417	0,712305549	0,16163581	FALSE
Rv1702c	64	7	3,192645078	1,193483296	3,0086299	0,0026243	0,005335146	0,00121065	FALSE
Rv1704c	517	103	2,327519943	0,328358161	2,733475	0,006267	0,011906071	0,00270172	FALSE
Rv1705c	23	9	1,353636955	-0,645524827	-1,341642	0,179712	0,238046707	0,05399017	FALSE
Rv1706A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1706c	63	23	1,453717967	-0,545443814	-1,843972	0,0651873	0,097238481	0,02206528	FALSE
Rv1707	422	103	2,034598662	0,03543688	0,2803965	0,7791733	0,821234483	0,18635388	FALSE
Rv1711	365	104	1,811312936	-0,187848846	-1,436867	0,1507559	0,204183146	0,04633308	FALSE
Rv1712	317	80	1,986410935	-0,012750847	-0,088175	0,9297379	0,945317379	0,21451067	FALSE
Rv1713	418	132	1,662965013	-0,336196769	-2,823693	0,0047474	0,009205351	0,00208887	FALSE
Rv1714	120	32	1,906890596	-0,092271186	-0,398008	0,6906241	0,745639632	0,16919996	FALSE
Rv1715	22	4	2,459431619	0,460269837	0,7724372	0,4398556	0,513783596	0,1165356	FALSE
Rv1716	41	7	2,550197083	0,551035301	1,2427442	0,2139621	0,277405163	0,06292787	FALSE
Rv1717	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv1718	78	21	1,893084796	-0,106076986	-0,369775	0,7115502	0,763841631	0,17333034	FALSE
Rv1719	127	29	2,130703692	0,13154191	0,5615098	0,57445	0,643005784	0,1458522	FALSE
Rv1720c	19	1	4,247927513	2,248765732	2,5725352	0,0100957	0,018214691	0,00413137	FALSE
Rv1721c	9	4	1,169925001	-0,82923678	-1,11297	0,2657215	0,33275298	0,0754721	FALSE
Rv1722	94	22	2,095157233	0,095995451	0,3547131	0,7228045	0,772872698	0,17535589	FALSE
Rv1723	46	11	2,064130337	0,064968556	0,1688395	0,8659229	0,892279511	0,20244891	FALSE
Rv1724c	39	5	2,963474124	0,964312342	1,9745016	0,0483247	0,075066067	0,01702723	FALSE
Rv1725c	41	16	1,357552005	-0,641609777	-1,779225	0,0752028	0,110178276	0,02500157	FALSE
Rv1726	7	3	1,222392421	-0,776769361	-0,91112	0,362232	0,433316091	0,09832774	FALSE
Rv1727	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1729c	47	8	2,554588852	0,55542707	1,3401595	0,1801935	0,238324342	0,05406224	FALSE
Rv1731	269	72	1,901537361	-0,097624421	-0,631091	0,5279809	0,598550375	0,13581848	FALSE
Rv1734c	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1735c	12	0	4,584962501	2,585800719	2,2174871	0,0265898	0,043641391	0,00989895	FALSE
Rv1739c	75	30	1,321928095	-0,677233687	-2,555781	0,010595	0,019015503	0,004314	FALSE

Rv1742	88	15	2,552541023	0,553379241	1,8276922	0,0675958	0,100527027	0,02280006	FALSE
Rv1744c	18	1	4,169925001	2,17076322	2,4499615	0,0142871	0,024872438	0,00564279	FALSE
Rv1745c	20	0	5,321928095	3,322766313	3,2376375	0,0012052	0,002592561	0,00058782	FALSE
Rv1746	155	38	2,028196892	0,02903511	0,1393796	0,8891502	0,912281075	0,2070141	FALSE
Rv1752	93	12	2,95419631	0,955034529	3,024622	0,0024894	0,00508723	0,00115439	FALSE
Rv1755c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv1756c	10	1	3,321928095	1,322766313	1,2888772	0,1974408	0,258363117	0,05860591	FALSE
Rv1757c	14	6	1,222392421	-0,776769361	-1,288522	0,1975643	0,258310528	0,05860591	FALSE
Rv1758	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1759c	25	7	1,836501268	-0,162660514	-0,32417	0,7458095	0,793384364	0,18000988	FALSE
Rv1760	152	22	2,788495895	0,789334113	3,2890428	0,0010053	0,002197812	0,00049873	FALSE
Rv1763	60	12	2,321928095	0,322766313	0,916127	0,3596003	0,431936539	0,09799977	FALSE
Rv1764	28	2	3,807354922	1,80819314	2,7103247	0,0067217	0,012684465	0,00287534	FALSE
Rv1765A	4	2	1	-0,999161782	-0,920739	0,3571866	0,429888289	0,09752015	FALSE
Rv1766	95	25	1,925999419	-0,073162363	-0,279862	0,7795836	0,821447453	0,18640221	FALSE
Rv1767	38	12	1,662965013	-0,336196769	-0,851271	0,394619	0,466819798	0,10593038	FALSE
Rv1768	253	58	2,12501258	0,125850798	0,7590162	0,4478429	0,521645704	0,11837143	FALSE
Rv1770	1744	478	1,867317517	-0,131844265	-2,184042	0,0289592	0,047176802	0,01070532	FALSE
Rv1771	610	149	2,033496912	0,03433513	0,3267163	0,7438825	0,791654767	0,17964167	FALSE
Rv1773c	55	15	1,874469118	-0,124692664	-0,366175	0,7142342	0,766201438	0,17384218	FALSE
Rv1774	112	31	1,853158612	-0,14600317	-0,614115	0,5391395	0,608924976	0,13817677	FALSE
Rv1776c	22	4	2,459431619	0,460269837	0,7724372	0,4398556	0,513783596	0,1165356	FALSE
Rv1777	19	7	1,440572591	-0,55858919	-1,039408	0,2986151	0,368907793	0,08369916	FALSE
Rv1779c	477	149	1,678676936	-0,320484846	-2,867662	0,0041352	0,008085826	0,00183483	FALSE
Rv1780	128	31	2,04580369	0,046641908	0,2028442	0,8392568	0,870831057	0,19760829	FALSE
Rv1782	1602	384	2,060695932	0,06153415	0,9446882	0,3448181	0,418064093	0,09486677	FALSE
Rv1783	3585	821	2,126518992	0,12735721	2,8932682	0,0038126	0,007525885	0,00170777	FALSE
Rv1785c	175	33	2,406816992	0,407655211	1,9472765	0,0515016	0,079468811	0,018033	FALSE
Rv1786	38	8	2,247927513	0,248765732	0,5691686	0,5692417	0,638172075	0,14477235	FALSE
Rv1787	97	26	1,899473124	-0,099688658	-0,387099	0,6986828	0,753103313	0,17089361	FALSE
Rv1788	23	5	2,201633861	0,202472079	0,3633038	0,716378	0,767353266	0,17407992	FALSE
Rv1789	554	149	1,894573646	-0,104588136	-0,971529	0,3312848	0,403890898	0,0916506	FALSE
Rv1790	78	23	1,761840263	-0,237321519	-0,846313	0,3973782	0,469379972	0,10651133	FALSE
Rv1791	497	115	2,111611991	0,112450209	0,9528208	0,3406809	0,413938786	0,09393066	FALSE
Rv1794	794	183	2,117295359	0,118133577	1,2640499	0,2062121	0,268504642	0,06092886	FALSE
Rv1796	1170	324	1,852442812	-0,14671897	-1,995495	0,0459889	0,07177693	0,01628756	FALSE
Rv1798	1775	431	2,04205925	0,042897468	0,6954998	0,4867421	0,55903054	0,12685477	FALSE

Rv1799	87	30	1,5360529	-0,463108882	-1,813776	0,0697122	0,103110827	0,02339344	FALSE
Rv1800	390	81	2,267480311	0,268318529	1,9602441	0,0499673	0,077373738	0,01755759	FALSE
Rv1803c	238	68	1,807354922	-0,19180686	-1,185482	0,2358268	0,301589188	0,06843638	FALSE
Rv1804c	21	5	2,070389328	0,071227546	0,1249325	0,900577	0,922205786	0,20920151	FALSE
Rv1805c	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1807	74	14	2,402098444	0,402936662	1,2526	0,2103513	0,273442855	0,06203834	FALSE
Rv1809	148	29	2,351472371	0,352310589	1,5625526	0,1181579	0,165077809	0,03745933	FALSE
Rv1810	85	18	2,239465935	0,240304153	0,8235151	0,4102152	0,481801249	0,10932996	FALSE
Rv1811	264	73	1,85456956	-0,144592221	-0,933553	0,3505345	0,424342594	0,09629149	FALSE
Rv1812c	231	55	2,070389328	0,071227546	0,4143787	0,6785968	0,736282148	0,16707656	FALSE
Rv1817	73	14	2,382469637	0,383307855	1,187534	0,235017	0,300748608	0,0682235	FALSE
Rv1818c	157	52	1,594181031	-0,404980751	-2,109407	0,0349095	0,055809883	0,01266433	FALSE
Rv1820	324	106	1,611929548	-0,387232234	-2,888738	0,0038679	0,007619896	0,0017291	FALSE
Rv1823	132	28	2,237039197	0,237877415	1,0163166	0,3094786	0,379889114	0,08620414	FALSE
Rv1824	100	23	2,120294234	0,121132452	0,4596551	0,6457638	0,707077298	0,16044942	FALSE
Rv1827	2425	585	2,051476217	0,052314436	0,989952	0,3221976	0,393542047	0,08930225	FALSE
Rv1831	493	110	2,164084123	0,164922341	1,3791937	0,167835	0,225226746	0,05110828	FALSE
Rv1833c	69	13	2,408084739	0,408922957	1,2262379	0,2201092	0,28416059	0,0644815	FALSE
Rv1834	12	10	0,263034406	-1,736127376	-3,148526	0,001641	0,003455395	0,00078371	FALSE
Rv1836c	942	225	2,065802058	0,066640277	0,7836785	0,4332288	0,507019082	0,11505237	FALSE
Rv1838c	62	8	2,95419631	0,955034529	2,4695777	0,0135273	0,023717063	0,00538066	FALSE
Rv1839c	113	16	2,820178962	0,821017181	2,9335271	0,0033513	0,00669929	0,0015202	FALSE
Rv1840c	25	10	1,321928095	-0,677233687	-1,475554	0,1400636	0,191178745	0,04337462	FALSE
Rv1841c	261	65	2,005538184	0,006376402	0,0398772	0,9681911	0,978111042	0,22195218	FALSE
Rv1844c	563	132	2,092596993	0,093435211	0,8454287	0,3978716	0,469821977	0,10661163	FALSE
Rv1848	83	25	1,731183242	-0,26797854	-0,991045	0,3216634	0,393011292	0,08918181	FALSE
Rv1849	31	7	2,146841388	0,147679606	0,3105752	0,7561236	0,802408562	0,18205742	FALSE
Rv1850	172	54	1,671377253	-0,327784529	-1,763278	0,0778537	0,113724002	0,02580616	FALSE
Rv1852	41	13	1,657112286	-0,342049495	-0,900542	0,3678317	0,43934832	0,09969657	FALSE
Rv1854c	551	107	2,364441522	0,36527974	3,1192328	0,0018132	0,003791816	0,00086044	FALSE
Rv1855c	241	40	2,590961241	0,591799459	3,213261	0,0013124	0,002808457	0,00063729	FALSE
Rv1858	53	11	2,268488836	0,269327054	0,7251549	0,468357	0,541383366	0,12285029	FALSE
Rv1860	183	36	2,345774837	0,346613055	1,711123	0,0870584	0,125864493	0,02856107	FALSE
Rv1861	87	26	1,742503778	-0,256658004	-0,969879	0,3321069	0,4047681	0,09184966	FALSE
Rv1864c	112	34	1,719892081	-0,279269701	-1,202101	0,2293242	0,294514742	0,066821	FALSE
Rv1866	126	18	2,807354922	0,80819314	3,0560852	0,0022425	0,004611221	0,00104637	FALSE
Rv1867	86	24	1,841302254	-0,157859528	-0,583025	0,5598764	0,629282611	0,14279631	FALSE

Rv1868	249	48	2,375039431	0,375877649	2,153583	0,0312729	0,050590759	0,01148001	FALSE
Rv1869c	720	179	2,008037319	0,008875537	0,0921634	0,9265682	0,942337563	0,21383449	FALSE
Rv1872c	12464	3020	2,045146684	0,045984902	1,9806089	0,0476352	0,074082427	0,01681073	FALSE
Rv1873	10	0	4,321928095	2,322766313	1,903164	0,0570192	0,086593586	0,01963463	FALSE
Rv1874	68	15	2,180572246	0,181410464	0,5617563	0,574282	0,643182834	0,1458522	FALSE
Rv1875	105	14	2,906890596	0,907728814	3,0798011	0,0020714	0,004281739	0,00097161	FALSE
Rv1878	85	10	3,087462841	1,088301059	3,2198727	0,0012825	0,002750453	0,00062413	FALSE
Rv1879	38	14	1,440572591	-0,55858919	-1,469954	0,1415741	0,193073439	0,04381207	FALSE
Rv1880c	753	207	1,863019097	-0,136142685	-1,482559	0,1381916	0,188852255	0,0428542	FALSE
Rv1881c	262	57	2,200532987	0,201371205	1,2198308	0,222529	0,287002767	0,06511764	FALSE
Rv1887	1853	409	2,179690133	0,180528351	2,9200517	0,0034997	0,006974708	0,00158121	FALSE
Rv1888A	3	2	0,584962501	-1,414199281	-1,212765	0,2252197	0,289715063	0,06572048	FALSE
Rv1888c	147	25	2,555816155	0,556654373	2,3748859	0,0175544	0,029906894	0,00678645	FALSE
Rv1889c	4	5	-0,321928095	-2,321089877	-2,689541	0,007155	0,013393187	0,00303917	FALSE
Rv1890c	19	2	3,247927513	1,248765732	1,6988539	0,0893467	0,128560168	0,02916213	FALSE
Rv1895	101	27	1,903323981	-0,095837801	-0,379489	0,704325	0,75794212	0,17199163	FALSE
Rv1897c	21	3	2,807354922	0,80819314	1,247613	0,2121728	0,2755382	0,06252491	FALSE
Rv1898	136	27	2,332575339	0,333413557	1,4221706	0,1549767	0,209468198	0,04753236	FALSE
Rv1901	285	66	2,11042399	0,111262208	0,7140141	0,4752184	0,548189986	0,12439484	FALSE
Rv1902c	173	30	2,527737632	0,52857585	2,4583561	0,0139575	0,024390011	0,00553456	FALSE
Rv1903	48	10	2,263034406	0,263872624	0,6767648	0,4985552	0,571516272	0,12966918	FALSE
Rv1904	602	181	1,73377379	-0,265387992	-2,642471	0,0082304	0,015168461	0,00344202	FALSE
Rv1910c	83	27	1,620151929	-0,379009853	-1,428895	0,1530343	0,207126737	0,04700104	FALSE
Rv1914c	249	67	1,893912742	-0,10524904	-0,655461	0,5121712	0,583478716	0,13240253	FALSE
Rv1915	786	169	2,217506066	0,218344284	2,284483	0,0223432	0,037229162	0,00844801	FALSE
Rv1916	383	103	1,894700055	-0,104461727	-0,806758	0,4198057	0,492478766	0,11175289	FALSE
Rv1918c	190	30	2,662965013	0,663803231	3,1604912	0,001575	0,003333476	0,00075623	FALSE
Rv1919c	555	108	2,361456459	0,362294677	3,1065618	0,0018928	0,003943515	0,00089469	FALSE
Rv1920	157	23	2,771058793	0,771897011	3,2787544	0,0010427	0,002270715	0,00051511	FALSE
Rv1921c	37	10	1,887525271	-0,111636511	-0,268281	0,7884834	0,829384867	0,18817826	FALSE
Rv1922	78	10	2,963474124	0,964312342	2,7923894	0,005232	0,010051215	0,00228081	FALSE
Rv1924c	114	40	1,510961919	-0,488199863	-2,198282	0,027929	0,045668357	0,01036303	FALSE
Rv1928c	66	16	2,044394119	0,045232337	0,1412865	0,8876436	0,911090778	0,2067171	FALSE
Rv1929c	147	27	2,444784843	0,445623061	1,9381229	0,0526082	0,080765612	0,01832727	FALSE
Rv1930c	4	2	1	-0,999161782	-0,920739	0,3571866	0,429888289	0,09752015	FALSE
Rv1931c	70	23	1,605721061	-0,393440721	-1,3656	0,1720646	0,230275822	0,05225401	FALSE
Rv1933c	6	3	1	-0,999161782	-1,127672	0,2594587	0,326621426	0,07409303	FALSE

Rv1934c	11	3	1,874469118	-0,124692664	-0,163756	0,8699229	0,895699199	0,20322483	FALSE
Rv1936	100	24	2,058893689	0,059731907	0,2290863	0,8188019	0,854326598	0,19386312	FALSE
Rv1938	44	15	1,552541023	-0,446620759	-1,240392	0,2148305	0,278210907	0,06310067	FALSE
Rv1939	28	5	2,485426827	0,486265045	0,9165067	0,3594012	0,432026304	0,09799977	FALSE
Rv1940	72	25	1,526068812	-0,47309297	-1,688507	0,091314	0,1311277	0,02974998	FALSE
Rv1941	71	11	2,690315501	0,691153719	2,0020366	0,0452808	0,070727698	0,01604947	FALSE
Rv1942c	91	21	2,115477217	0,116315436	0,4213967	0,6734655	0,731519633	0,16599586	FALSE
Rv1943c	62	12	2,36923381	0,370072028	1,0590438	0,2895798	0,358756958	0,08139606	FALSE
Rv1944c	19	5	1,925999419	-0,073162363	-0,125155	0,9004007	0,922504347	0,20920151	FALSE
Rv1945	110	38	1,5334322	-0,465729582	-2,051973	0,0401723	0,063375765	0,01438118	FALSE
Rv1946c	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv1948c	21	1	4,392317423	2,393155641	2,8070784	0,0049993	0,009653498	0,00219003	FALSE
Rv1949c	76	22	1,788495895	-0,210665887	-0,738144	0,4604269	0,534095209	0,12119646	FALSE
Rv1951c	15	2	2,906890596	0,907728814	1,1640334	0,2444105	0,311505887	0,07067525	FALSE
Rv1953	29	2	3,857980995	1,858819213	2,8107595	0,0049425	0,009555446	0,00216831	FALSE
Rv1954A	289	80	1,852997588	-0,146164194	-0,987651	0,3233235	0,394550691	0,08953113	FALSE
Rv1954c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv1955	75	13	2,528378972	0,52921719	1,6203936	0,1051477	0,149119993	0,03383819	FALSE
Rv1956	71	9	2,979822118	0,980660336	2,7016418	0,0068998	0,012980123	0,00294474	FALSE
Rv1961	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv1962c	68	8	3,087462841	1,088301059	2,879932	0,0039776	0,007804821	0,00177106	FALSE
Rv1963c	98	21	2,222392421	0,223230639	0,8238613	0,4100184	0,481785311	0,10931006	FALSE
Rv1964	20	1	4,321928095	2,322766313	2,6914838	0,0071135	0,013340765	0,00302584	FALSE
Rv1965	19	10	0,925999419	-1,073162363	-2,183157	0,0290243	0,047253553	0,01072053	FALSE
Rv1966	24	6	2	0,000838218	0,001591	0,9987305	1	0,22680161	FALSE
Rv1967	13	5	1,378511623	-0,620650159	-0,965617	0,3342359	0,406985636	0,09232435	FALSE
Rv1968	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv1969	3	4	-0,415037499	-2,414199281	-2,46205	0,0138145	0,024161642	0,00548066	FALSE
Rv1970	16	1	4	2,000838218	2,1926565	0,0283321	0,046250809	0,0104952	FALSE
Rv1971	26	7	1,893084796	-0,106076986	-0,213486	0,8309477	0,864027845	0,19606452	FALSE
Rv1972	13	5	1,378511623	-0,620650159	-0,965617	0,3342359	0,406985636	0,09232435	FALSE
Rv1973	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1974	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1975	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1977	124	18	2,784271309	0,785109527	2,9569449	0,003107	0,006258504	0,00142017	FALSE
Rv1978	75	21	1,836501268	-0,162660514	-0,561487	0,5744655	0,642749461	0,1458522	FALSE
Rv1982A	37	9	2,039528364	0,040366582	0,0944855	0,9247235	0,941310993	0,21357398	FALSE

Rv1983	159	24	2,727920455	0,728758673	3,1385489	0,0016979	0,003571404	0,00081042	FALSE
Rv1986	97	12	3,014950341	1,01578856	3,2510805	0,0011497	0,002483193	0,00056348	FALSE
Rv1989c	269	71	1,921715243	-0,077446539	-0,498904	0,6178471	0,681810026	0,15471579	FALSE
Rv1990A	79	10	2,981852653	0,982690871	2,854686	0,0043079	0,008390377	0,001903	FALSE
Rv1995	11	1	3,459431619	1,460269837	1,4571684	0,1450699	0,197567576	0,0448164	FALSE
Rv1997	425	93	2,19216022	0,192998438	1,4912454	0,1358971	0,186232831	0,04225981	FALSE
Rv1998c	30	15	1	-0,999161782	-2,521575	0,0116831	0,020793352	0,00471841	FALSE
Rv1999c	9	2	2,169925001	0,17076322	0,1927264	0,8471733	0,877083966	0,19894886	FALSE
Rv2003c	96	14	2,777607579	0,778445797	2,5826466	0,0098046	0,017770781	0,00403253	FALSE
Rv2004c	308	58	2,408805546	0,409643764	2,5951477	0,009455	0,017192545	0,00390132	FALSE
Rv2006	275	50	2,459431619	0,460269837	2,7311474	0,0063114	0,011973186	0,00271695	FALSE
Rv2008c	16	0	5	3,000838218	2,7653074	0,0056869	0,010885321	0,00246829	FALSE
Rv2011c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv2012	20	0	5,321928095	3,322766313	3,2376375	0,0012052	0,002592561	0,00058782	FALSE
Rv2013	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2014	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2016	32	4	3	1,000838218	1,8445772	0,0650991	0,097217241	0,02204745	FALSE
Rv2017	58	15	1,9510904	-0,048071382	-0,143054	0,8862472	0,910012709	0,20649936	FALSE
Rv2018	149	30	2,312277925	0,313116143	1,4028999	0,1606467	0,216390212	0,0491031	FALSE
Rv2023c	45	16	1,491853096	-0,507308686	-1,439925	0,1498887	0,203357803	0,04614579	FALSE
Rv2025c	24	1	4,584962501	2,585800719	3,1360048	0,0017127	0,003599652	0,00081661	FALSE
Rv2026c	124	27	2,199308808	0,200147026	0,8342335	0,4041494	0,47623705	0,10806733	FALSE
Rv2033c	176	34	2,371968777	0,372806996	1,7967139	0,0723811	0,106558746	0,0241712	FALSE
Rv2034	20	0	5,321928095	3,322766313	3,2376375	0,0012052	0,002592561	0,00058782	FALSE
Rv2038c	168	32	2,392317423	0,393155641	1,8446981	0,0650815	0,097283053	0,02204745	FALSE
Rv2039c	66	21	1,652076697	-0,347085085	-1,160416	0,2458795	0,313175748	0,07105412	FALSE
Rv2043c	168	45	1,900464326	-0,098697455	-0,504296	0,6140532	0,679524621	0,15419719	FALSE
Rv2044c	4	3	0,415037499	-1,584124283	-1,615523	0,1061976	0,150365522	0,0341147	FALSE
Rv2046	109	31	1,813988014	-0,185173767	-0,773604	0,439165	0,513357119	0,11649059	FALSE
Rv2049c	40	17	1,234465254	-0,764696528	-2,139688	0,03238	0,052082631	0,01181855	FALSE
Rv2051c	1201	255	2,235666999	0,236505217	3,0494926	0,0022923	0,004703831	0,00106739	FALSE
Rv2054	175	38	2,203283598	0,204121817	1,01005	0,3124714	0,383085801	0,08692953	FALSE
Rv2055c	24	4	2,584962501	0,585800719	1,0047263	0,3150286	0,385861172	0,08753213	FALSE
Rv2056c	22	1	4,459431619	2,460269837	2,9195587	0,0035053	0,006975176	0,00158121	FALSE
Rv2060	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2061c	127	50	1,344828497	-0,654333285	-3,200663	0,0013711	0,002924652	0,00066366	FALSE
Rv2062c	472	148	1,673189684	-0,325972098	-2,90419	0,003682	0,007286488	0,00165344	FALSE

Rv2063	22	4	2,459431619	0,460269837	0,7724372	0,4398556	0,513783596	0,1165356	FALSE
Rv2063A	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv2064	45	22	1,032421478	-0,966740304	-2,971352	0,0029649	0,005987522	0,00135868	FALSE
Rv2065	87	30	1,5360529	-0,463108882	-1,813776	0,0697122	0,103110827	0,02339344	FALSE
Rv2067c	385	105	1,874469118	-0,124692664	-0,968905	0,3325925	0,405234669	0,09195553	FALSE
Rv2068c	603	129	2,224786936	0,225625155	2,0649601	0,0389268	0,061781576	0,01401943	FALSE
Rv2071c	13	9	0,530514717	-1,468647065	-2,646636	0,0081297	0,015018008	0,00340669	FALSE
Rv2072c	54	11	2,295455884	0,296294102	0,8014997	0,4228424	0,495893727	0,11252781	FALSE
Rv2074	408	94	2,11783649	0,118674708	0,9100846	0,3627779	0,433705953	0,09841621	FALSE
Rv2075c	115	20	2,523561956	0,524400174	1,9899145	0,0466004	0,072616286	0,01647803	FALSE
Rv2076c	190	30	2,662965013	0,663803231	3,1604912	0,001575	0,003333476	0,00075623	FALSE
Rv2077A	6	2	1,584962501	-0,414199281	-0,422409	0,6727265	0,731623716	0,16595083	FALSE
Rv2079	367	89	2,043902822	0,04474104	0,3296043	0,7416989	0,789757191	0,17921108	FALSE
Rv2081c	87	25	1,799087306	-0,200074476	-0,748679	0,4540506	0,527785263	0,11976461	FALSE
Rv2082	694	175	1,987580741	-0,011581041	-0,118485	0,9056837	0,926352855	0,21020726	FALSE
Rv2083	168	58	1,534336428	-0,464825354	-2,530617	0,0113862	0,020319999	0,004611	FALSE
Rv2084	279	79	1,820340564	-0,178821218	-1,193965	0,2324916	0,297806743	0,06757807	FALSE
Rv2086	8	4	1	-0,999161782	-1,302124	0,192874	0,253016808	0,05740483	FALSE
Rv2087	16	7	1,192645078	-0,806516704	-1,437633	0,1505381	0,20399323	0,04628203	FALSE
Rv2089c	43	13	1,725825037	-0,273336745	-0,728257	0,4664564	0,539740122	0,12245944	FALSE
Rv2090	31	3	3,36923381	1,370072028	2,3312786	0,0197387	0,033283169	0,00755259	FALSE
Rv2091c	807	231	1,804675822	-0,19448596	-2,214855	0,02677	0,043864149	0,00995362	FALSE
Rv2093c	570	170	1,745427173	-0,253734609	-2,453387	0,0141518	0,024674902	0,00559921	FALSE
Rv2095c	250	85	1,556393349	-0,442768433	-2,929412	0,003396	0,00678176	0,00153891	FALSE
Rv2096c	296	100	1,565597176	-0,433564606	-3,116358	0,001831	0,003822894	0,00086749	FALSE
Rv2102	433	108	2,003335713	0,004173931	0,033636	0,9731674	0,982006437	0,22280762	FALSE
Rv2103c	79	24	1,718818247	-0,280343534	-1,013651	0,3107491	0,381329949	0,08653109	FALSE
Rv2104c	167	42	1,99138687	-0,007774912	-0,038988	0,9688996	0,978325689	0,22200089	FALSE
Rv2105	54	10	2,432959407	0,433797625	1,145827	0,2518667	0,319357802	0,07245677	FALSE
Rv2106	19	2	3,247927513	1,248765732	1,6988539	0,0893467	0,128560168	0,02916213	FALSE
Rv2107	19	0	5,247927513	3,248765732	3,1251991	0,0017768	0,00372166	0,00084407	FALSE
Rv2109c	762	157	2,279026439	0,279864657	2,8525013	0,0043377	0,008439933	0,00191518	FALSE
Rv2117	14	6	1,222392421	-0,776769361	-1,288522	0,1975643	0,258310528	0,05860591	FALSE
Rv2118c	144	35	2,040641984	0,041480203	0,1915111	0,8481252	0,877493657	0,19912017	FALSE
Rv2119	113	20	2,498250868	0,499089086	1,8855788	0,0593517	0,089738633	0,02035952	FALSE
Rv2120c	118	19	2,634715536	0,635553754	2,3963523	0,0165592	0,028272449	0,00641556	FALSE
Rv2122c	16	0	5	3,000838218	2,7653074	0,0056869	0,010885321	0,00246829	FALSE

Rv2123	3	2	0,584962501	-1,414199281	-1,212765	0,2252197	0,289715063	0,06572048	FALSE
Rv2125	257	74	1,796171184	-0,202990598	-1,306259	0,1914645	0,251376881	0,05704224	FALSE
Rv2126c	9	2	2,169925001	0,17076322	0,1927264	0,8471733	0,877083966	0,19894886	FALSE
Rv2129c	114	23	2,309328058	0,310166276	1,2161669	0,2239213	0,288421228	0,06544832	FALSE
Rv2130c	564	172	1,713286598	-0,285875184	-2,764928	0,0056935	0,010884772	0,00246996	FALSE
Rv2132	43	12	1,841302254	-0,157859528	-0,412256	0,6801521	0,736753618	0,16715256	FALSE
Rv2133c	137	29	2,240051088	0,240889306	1,04795	0,2946617	0,364651889	0,08274652	FALSE
Rv2135c	152	40	1,925999419	-0,073162363	-0,354006	0,7233343	0,773124802	0,17543687	FALSE
Rv2138	154	37	2,057333175	0,058171393	0,2769406	0,7818257	0,823370019	0,18683847	FALSE
Rv2141c	119	36	1,724892762	-0,27426902	-1,215859	0,2240387	0,288478226	0,06546125	FALSE
Rv2146c	508	103	2,30218416	0,303022378	2,5115092	0,0120216	0,021318908	0,00483767	FALSE
Rv2148c	208	50	2,056583528	0,057421746	0,3177517	0,7506733	0,797805309	0,18103735	FALSE
Rv2149c	245	64	1,936637939	-0,062523843	-0,38339	0,7014304	0,755239278	0,1713783	FALSE
Rv2150c	1047	264	1,987651608	-0,011510174	-0,144653	0,8849845	0,908952851	0,20625886	FALSE
Rv2152c	455	133	1,7744403	-0,224721482	-1,931521	0,0534186	0,08169175	0,01853743	FALSE
Rv2154c	992	273	1,861439169	-0,137722612	-1,721994	0,0850706	0,12326174	0,02797046	FALSE
Rv2157c	327	78	2,067744607	0,068582825	0,4749452	0,634826	0,697036137	0,15817089	FALSE
Rv2160c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2162c	1299	339	1,938044252	-0,06111753	-0,863002	0,3881365	0,45997912	0,1043781	FALSE
Rv2167c	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv2168c	19	4	2,247927513	0,248765732	0,402461	0,6873448	0,7426073	0,16848878	FALSE
Rv2169c	433	100	2,114367025	0,115205243	0,910697	0,3624551	0,433451417	0,09835845	FALSE
Rv2170	33	4	3,044394119	1,045232337	1,9412739	0,0522251	0,080224203	0,01820087	FALSE
Rv2172c	563	166	1,761951681	-0,237210101	-2,272958	0,0230287	0,03822612	0,00866891	FALSE
Rv2173	155	28	2,468769483	0,469607701	2,088583	0,0367453	0,058578562	0,0132926	FALSE
Rv2174	360	101	1,833641614	-0,165520168	-1,252513	0,210383	0,273393965	0,06203834	FALSE
Rv2175c	25	8	1,64385619	-0,355305592	-0,732134	0,4640867	0,537313298	0,12190882	FALSE
Rv2177c	63	8	2,977279923	0,978118142	2,5394063	0,0111041	0,019879477	0,00451104	FALSE
Rv2179c	38	10	1,925999419	-0,073162363	-0,176997	0,8595107	0,886946652	0,20126523	FALSE
Rv2181	594	119	2,319501357	0,320339576	2,8624511	0,0042038	0,008211845	0,00186343	FALSE
Rv2182c	766	176	2,121768963	0,122607181	1,2875697	0,1978958	0,258615327	0,05868479	FALSE
Rv2183c	150	24	2,64385619	0,644694408	2,7363532	0,0062124	0,01181665	0,00268078	FALSE
Rv2186c	207	51	2,021061616	0,021899834	0,1216408	0,9031835	0,924274967	0,20973574	FALSE
Rv2188c	99	30	1,722466024	-0,276695757	-1,119265	0,2630272	0,330112692	0,07489699	FALSE
Rv2192c	230	68	1,75802721	-0,241134572	-1,47767	0,139496	0,190568866	0,04324374	FALSE
Rv2201	186	33	2,494764692	0,49560291	2,4037416	0,0162282	0,0278279	0,00631468	FALSE
Rv2205c	151	50	1,59454855	-0,404613232	-2,066694	0,038763	0,061595997	0,01397731	FALSE

Rv2207	196	66	1,570315725	-0,428846057	-2,506152	0,0122053	0,021625197	0,00490551	FALSE
Rv2208	100	26	1,943416472	-0,05574531	-0,218118	0,827337	0,861408915	0,19547023	FALSE
Rv2211c	349	69	2,338558769	0,339396988	2,316824	0,0205133	0,034398185	0,00780561	FALSE
Rv2212	272	73	1,897638282	-0,1015235	-0,660393	0,5090017	0,58104279	0,13174386	FALSE
Rv2215	1228	258	2,25086759	0,251705808	3,2731521	0,0010636	0,002309829	0,00052414	FALSE
Rv2216	575	132	2,123024026	0,123862245	1,1266679	0,2598829	0,326946801	0,07419051	FALSE
Rv2217	229	55	2,057844075	0,058682293	0,3406531	0,7333648	0,782149988	0,17748486	FALSE
Rv2219A	202	69	1,549687026	-0,449474756	-2,676163	0,007447	0,013873938	0,00314826	FALSE
Rv2221c	741	191	1,955900904	-0,043260878	-0,459865	0,6456134	0,707108967	0,16044942	FALSE
Rv2223c	235	75	1,647698256	-0,351463526	-2,219082	0,0264811	0,043499214	0,00987081	FALSE
Rv2224c	708	198	1,83824893	-0,160912852	-1,706423	0,0879294	0,126752037	0,02876247	FALSE
Rv2225	170	33	2,364996817	0,365835035	1,7348917	0,08276	0,120311612	0,02730102	FALSE
Rv2230c	183	65	1,493332025	-0,505829757	-2,894679	0,0037955	0,007495903	0,00170096	FALSE
Rv2231A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2231B	25	3	3,058893689	1,059731907	1,7087995	0,0874881	0,126369903	0,02866001	FALSE
Rv2231c	130	29	2,164386818	0,165225036	0,7094212	0,4780631	0,550746593	0,12495673	FALSE
Rv2232	84	25	1,748461233	-0,250700549	-0,929928	0,3524085	0,425957449	0,09665793	FALSE
Rv2234	74	12	2,624490865	0,625329083	1,8704536	0,0614208	0,092459478	0,02097283	FALSE
Rv2235	112	23	2,283792966	0,284631184	1,1111156	0,2665186	0,333486439	0,07565085	FALSE
Rv2237	155	29	2,41814341	0,418981628	1,8798439	0,0601293	0,090757809	0,02059469	FALSE
Rv2237A	714	177	2,012174714	0,013012932	0,1344651	0,8930348	0,916028421	0,20786444	FALSE
Rv2241	1770	466	1,9253475	-0,073814282	-1,219509	0,222651	0,286972414	0,06511955	FALSE
Rv2242	253	54	2,228106073	0,228944291	1,3563296	0,1749943	0,2332469	0,05286234	FALSE
Rv2249c	32	7	2,192645078	0,193483296	0,4101445	0,6817	0,737923622	0,16742607	FALSE
Rv2250A	12	4	1,584962501	-0,414199281	-0,597378	0,5502552	0,620147636	0,14070331	FALSE
Rv2250c	15	0	4,906890596	2,907728814	2,6366199	0,0083737	0,015400193	0,00349216	FALSE
Rv2251	101	22	2,198779864	0,199618082	0,7509747	0,4526679	0,526410769	0,11943511	FALSE
Rv2252	107	19	2,493539473	0,494377691	1,8189975	0,0689118	0,102041735	0,02315088	FALSE
Rv2255c	67	9	2,896164189	0,897002407	2,4356041	0,0148669	0,025819123	0,00585886	FALSE
Rv2256c	1273	297	2,099697583	0,100535801	1,3664647	0,1717932	0,229990577	0,05218928	FALSE
Rv2257c	252	82	1,619727919	-0,379433863	-2,492891	0,0126708	0,022319586	0,00506474	FALSE
Rv2260	141	33	2,095157233	0,095995451	0,4344388	0,6639698	0,723197185	0,16410733	FALSE
Rv2261c	12	8	0,584962501	-1,414199281	-2,42554	0,0152856	0,026458845	0,0060027	FALSE
Rv2263	124	39	1,668794092	-0,33036769	-1,509608	0,1311435	0,180786434	0,04102391	FALSE
Rv2264c	111	20	2,472487771	0,47332599	1,7802787	0,0750304	0,110048241	0,02497206	FALSE
Rv2265	33	2	4,044394119	2,045232337	3,194172	0,0014023	0,002987185	0,00067767	FALSE
Rv2266	261	49	2,413196152	0,414034371	2,4126896	0,0158353	0,027272673	0,00618758	FALSE

Rv2268c	38	9	2,078002512	0,07884073	0,1857759	0,8526205	0,881335399	0,19996573	FALSE
Rv2269c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2270	17	1	4,087462841	2,088301059	2,3234536	0,0201548	0,033912342	0,00769208	FALSE
Rv2272	71	32	1,14974712	-0,849414662	-3,213375	0,0013118	0,002808868	0,00063729	FALSE
Rv2273	8	2	2	0,000838218	0,0009186	0,9992671	1	0,22680161	FALSE
Rv2274A	14	0	4,807354922	2,80819314	2,5028209	0,0123208	0,021780899	0,00494029	FALSE
Rv2277c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv2278	56	15	1,900464326	-0,098697455	-0,291146	0,7709398	0,814952124	0,18492829	FALSE
Rv2279	25	5	2,321928095	0,322766313	0,5913521	0,5542845	0,623619523	0,14148932	FALSE
Rv2280	830	221	1,909064967	-0,090096815	-1,021908	0,3068245	0,377218099	0,08559803	FALSE
Rv2281	107	44	1,282035368	-0,717126414	-3,25499	0,001134	0,002450607	0,00055609	FALSE
Rv2282c	42	4	3,392317423	1,393155641	2,7482601	0,0059912	0,011417965	0,00259033	FALSE
Rv2283	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2284	141	21	2,74723393	0,748072148	3,0237391	0,0024967	0,005099455	0,00115716	FALSE
Rv2287	108	20	2,432959407	0,433797625	1,6204658	0,1051323	0,149151674	0,03383819	FALSE
Rv2288	529	124	2,092927602	0,09376582	0,8223479	0,4108789	0,482437185	0,10947426	FALSE
Rv2289	396	96	2,044394119	0,045232337	0,3461123	0,7292583	0,778823403	0,17672999	FALSE
Rv2291	630	140	2,169925001	0,17076322	1,6127364	0,1068018	0,151139667	0,03429649	FALSE
Rv2292c	11	0	4,459431619	2,460269837	2,064437	0,0389763	0,061810432	0,01402034	FALSE
Rv2293c	61	12	2,345774837	0,346613055	0,9878866	0,3232082	0,394532085	0,08952691	FALSE
Rv2296	264	55	2,263034406	0,263872624	1,5872442	0,1124573	0,158121842	0,03588088	FALSE
Rv2297	428	106	2,013546532	0,01438475	0,1150458	0,9084089	0,928417856	0,21065951	FALSE
Rv2298	286	64	2,159871337	0,160709555	1,0243295	0,3056797	0,375927874	0,08530526	FALSE
Rv2300c	52	8	2,700439718	0,701277936	1,7353866	0,0826724	0,120250699	0,02728216	FALSE
Rv2301	115	38	1,597562538	-0,401599244	-1,789194	0,0735836	0,1080468	0,02451789	FALSE
Rv2302	260	63	2,04508789	0,045926108	0,2847067	0,7758688	0,818845772	0,18581184	FALSE
Rv2303c	47	23	1,031026896	-0,968134886	-3,041782	0,0023518	0,004820983	0,00109397	FALSE
Rv2305	80	22	1,862496476	-0,136665306	-0,485037	0,6276503	0,691274212	0,1568634	FALSE
Rv2306A	28	13	1,106915204	-0,892246578	-2,135466	0,032723	0,052591448	0,01193401	FALSE
Rv2307A	28	8	1,807354922	-0,19180686	-0,406591	0,6843086	0,740137953	0,16792849	FALSE
Rv2307B	20	1	4,321928095	2,322766313	2,6914838	0,0071135	0,013340765	0,00302584	FALSE
Rv2308	30	3	3,321928095	1,322766313	2,2324089	0,0255879	0,042181344	0,00956576	FALSE
Rv2309A	7	5	0,485426827	-1,513734955	-2,017418	0,0436519	0,068413674	0,01551645	FALSE
Rv2310	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2311	26	4	2,700439718	0,701277936	1,2270964	0,2197864	0,284022735	0,06441693	FALSE
Rv2312	36	7	2,362570079	0,363408298	0,7933715	0,4275614	0,500981078	0,11368223	FALSE
Rv2313c	436	128	1,768184325	-0,230977457	-1,945496	0,0517153	0,079767311	0,01810074	FALSE

Rv2316	27	3	3,169925001	1,17076322	1,9245101	0,0542907	0,082944958	0,01881816	FALSE
Rv2318	29	8	1,857980995	-0,141180787	-0,301911	0,7627199	0,807995469	0,18330046	FALSE
Rv2319c	48	15	1,678071905	-0,321089877	-0,911369	0,3621012	0,433290973	0,09832204	FALSE
Rv2320c	84	17	2,304854582	0,3056928	1,0296849	0,303158	0,373700568	0,08478659	FALSE
Rv2321c	28	6	2,222392421	0,223230639	0,4403642	0,6596734	0,720008781	0,16336122	FALSE
Rv2323c	22	2	3,459431619	1,460269837	2,0607512	0,0393268	0,062216132	0,01411237	FALSE
Rv2324	16	5	1,678071905	-0,321089877	-0,526174	0,5987677	0,665503639	0,15099428	FALSE
Rv2328	89	13	2,775293713	0,776131931	2,4803046	0,013127	0,023071729	0,00523542	FALSE
Rv2331A	79	10	2,981852653	0,982690871	2,854686	0,0043079	0,008390377	0,001903	FALSE
Rv2332	139	22	2,659509454	0,660347672	2,6907508	0,0071291	0,013357406	0,00303105	FALSE
Rv2334	345	66	2,386058432	0,38689665	2,6043605	0,0092046	0,016791351	0,00381028	FALSE
Rv2335	258	88	1,551795637	-0,447366145	-3,009221	0,0026192	0,005341304	0,00120895	FALSE
Rv2336	107	14	2,934112064	0,934950282	3,1871593	0,0014368	0,003056443	0,00069357	FALSE
Rv2340c	160	44	1,862496476	-0,136665306	-0,685962	0,4927371	0,565257427	0,12826777	FALSE
Rv2341	6	4	0,584962501	-1,414199281	-1,715111	0,0863248	0,124941358	0,02835159	FALSE
Rv2343c	587	131	2,163793692	0,16463191	1,5024096	0,1329914	0,183013928	0,04151825	FALSE
Rv2344c	358	87	2,040872281	0,0417105	0,3036461	0,7613975	0,807028166	0,18313019	FALSE
Rv2348c	894	203	2,138795104	0,139633322	1,5795437	0,1142114	0,160245379	0,03635546	FALSE
Rv2353c	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2354	49	8	2,614709844	0,615548062	1,5007766	0,1334133	0,183402655	0,04161759	FALSE
Rv2355	20	4	2,321928095	0,322766313	0,5289207	0,5968605	0,663851571	0,15064067	FALSE
Rv2358	193	39	2,307054818	0,307893037	1,5714648	0,1160747	0,162570552	0,03687564	FALSE
Rv2359	79	14	2,496425826	0,497264044	1,5713097	0,1161107	0,162534426	0,03687564	FALSE
Rv2360c	85	21	2,017073513	0,017911731	0,0637948	0,9491336	0,961320744	0,21814214	FALSE
Rv2362c	186	31	2,584962501	0,585800719	2,7971463	0,0051556	0,009918908	0,00225079	FALSE
Rv2363	128	26	2,299560282	0,3003985	1,2502177	0,21122	0,274391242	0,06226464	FALSE
Rv2364c	198	31	2,67516031	0,675998528	3,278685	0,0010429	0,00227002	0,00051511	FALSE
Rv2365c	12	9	0,415037499	-1,584124283	-2,798178	0,0051392	0,009892088	0,0022447	FALSE
Rv2366c	433	103	2,071722688	0,072560906	0,5778491	0,563366	0,63230381	0,14348188	FALSE
Rv2367c	404	81	2,31836148	0,319199698	2,3526208	0,0186416	0,031609027	0,0071727	FALSE
Rv2371	16	0	5	3,000838218	2,7653074	0,0056869	0,010885321	0,00246829	FALSE
Rv2374c	1068	270	1,983880335	-0,015281447	-0,194093	0,8461029	0,876551098	0,19890628	FALSE
Rv2377c	26	8	1,700439718	-0,298722064	-0,621605	0,5342018	0,603953483	0,13702901	FALSE
Rv2379c	206	37	2,477047162	0,47788538	2,4467548	0,0144149	0,025078218	0,00569073	FALSE
Rv2381c	136	36	1,91753784	-0,081623942	-0,37413	0,7083073	0,761604113	0,17275164	FALSE
Rv2383c	158	46	1,780218792	-0,21894299	-1,107729	0,2679787	0,335100767	0,0760408	FALSE
Rv2384	44	13	1,7589919	-0,240169881	-0,643578	0,5198492	0,590349856	0,13396172	FALSE

Rv2385	37	4	3,209453366	1,210291584	2,3130558	0,0207196	0,034655636	0,00786403	FALSE
Rv2387	172	63	1,448984831	-0,550176951	-3,075908	0,0020986	0,004331234	0,00098284	FALSE
Rv2390c	169	34	2,313416595	0,314254813	1,4992357	0,1338125	0,183759208	0,04169849	FALSE
Rv2395	439	84	2,385759707	0,386597925	2,9357639	0,0033273	0,006654549	0,00151005	FALSE
Rv2395B	735	188	1,967011588	-0,032150194	-0,339716	0,7340707	0,782479695	0,17755967	FALSE
Rv2397c	114	46	1,309328058	-0,689833724	-3,216665	0,0012969	0,002779876	0,00063081	FALSE
Rv2398c	106	32	1,727920455	-0,271241327	-1,134258	0,2566862	0,323751272	0,07346538	FALSE
Rv2399c	128	40	1,678071905	-0,321089877	-1,488297	0,1366726	0,187100525	0,0424567	FALSE
Rv2401	1	4	-2	-3,999161782	-3,098932	0,0019422	0,004037961	0,00091629	FALSE
Rv2401A	7	4	0,807354922	-1,19180686	-1,502188	0,1330485	0,182996812	0,04151825	FALSE
Rv2402	414	76	2,445559444	0,446397662	3,2579723	0,0011221	0,002427656	0,0005507	FALSE
Rv2404c	434	105	2,047305715	0,048143933	0,3854716	0,6998881	0,753990321	0,17109489	FALSE
Rv2406c	403	115	1,809145978	-0,190015804	-1,527819	0,1265575	0,175445583	0,03981197	FALSE
Rv2407	14	4	1,807354922	-0,19180686	-0,287502	0,7737281	0,817461446	0,1854977	FALSE
Rv2408	10	0	4,321928095	2,322766313	1,903164	0,0570192	0,086593586	0,01963463	FALSE
Rv2410c	346	87	1,991684732	-0,00747705	-0,05397	0,9569593	0,968252294	0,21971504	FALSE
Rv2413c	162	46	1,816288047	-0,182873735	-0,931041	0,3518324	0,425456694	0,0965295	FALSE
Rv2415c	40	13	1,621488377	-0,377673405	-0,988213	0,3230483	0,394459021	0,08951033	FALSE
Rv2416c	49	17	1,527247003	-0,471914779	-1,389184	0,1647769	0,221726409	0,05031398	FALSE
Rv2417c	219	60	1,867896464	-0,131265318	-0,770114	0,4412322	0,515010245	0,11686572	FALSE
Rv2418c	341	69	2,305103472	0,30594169	2,0763737	0,0378594	0,060305929	0,01368457	FALSE
Rv2419c	420	82	2,356693513	0,357531731	2,6690359	0,0076069	0,014145091	0,00320979	FALSE
Rv2422	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2423	47	8	2,554588852	0,55542707	1,3401595	0,1801935	0,238324342	0,05406224	FALSE
Rv2424c	55	8	2,781359714	0,782197932	1,9629657	0,0496502	0,076973366	0,01745987	FALSE
Rv2425c	690	163	2,081724397	0,082562616	0,8286175	0,4073209	0,47925819	0,10875289	FALSE
Rv2426c	303	65	2,22080617	0,221644389	1,4388266	0,1501997	0,203639545	0,04620972	FALSE
Rv2428	53	20	1,40599236	-0,593169422	-1,85456	0,063659	0,095482482	0,02166269	FALSE
Rv2429	62	12	2,36923381	0,370072028	1,0590438	0,2895798	0,358756958	0,08139606	FALSE
Rv2432c	49	9	2,444784843	0,445623061	1,1189487	0,263162	0,330124363	0,07491156	FALSE
Rv2433c	7	2	1,807354922	-0,19180686	-0,203294	0,8389052	0,870695283	0,19757749	FALSE
Rv2435c	147	26	2,499232627	0,500070845	2,1545039	0,0312007	0,050505009	0,01145821	FALSE
Rv2436	46	12	1,938599455	-0,060562327	-0,16085	0,8722116	0,897235944	0,20360007	FALSE
Rv2438A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2438c	992	255	1,959842874	-0,039318908	-0,483301	0,6288819	0,692243993	0,15708346	FALSE
Rv2443	210	36	2,544320516	0,545158734	2,7854976	0,0053446	0,010262393	0,00232873	FALSE
Rv2444c	2954	776	1,928541269	-0,070620513	-1,506973	0,1318175	0,18152528	0,04119157	FALSE

Rv2445c	171	29	2,55987152	0,560709738	2,5782906	0,009929	0,017979871	0,00407998	FALSE
Rv2446c	234	44	2,410933101	0,411771319	2,2728785	0,0230335	0,038217974	0,00866891	FALSE
Rv2447c	264	84	1,652076697	-0,347085085	-2,320981	0,0202879	0,034107123	0,00773956	FALSE
Rv2449c	268	88	1,606657572	-0,39250421	-2,665414	0,0076894	0,014278159	0,00323999	FALSE
Rv2450c	28	3	3,222392421	1,223230639	2,0291217	0,0424459	0,066735748	0,01513457	FALSE
Rv2451	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv2453c	456	107	2,091423028	0,092261246	0,7514314	0,4523931	0,52632397	0,11943302	FALSE
Rv2454c	596	123	2,276654015	0,277492233	2,5022691	0,01234	0,021795338	0,00494578	FALSE
Rv2456c	338	102	1,728454094	-0,270707688	-2,021407	0,0432376	0,067831779	0,01539233	FALSE
Rv2458	44	11	2	0,000838218	0,0021543	0,9982811	1	0,22680161	FALSE
Rv2461c	756	224	1,754887502	-0,24427428	-2,715819	0,0066112	0,012493831	0,00283509	FALSE
Rv2463	919	271	1,76177201	-0,237389772	-2,906603	0,0036538	0,007234171	0,00164157	FALSE
Rv2465c	93	25	1,895302621	-0,103859161	-0,395176	0,6927132	0,747485898	0,16959556	FALSE
Rv2468A	165	37	2,156868849	0,157707067	0,7638705	0,4449444	0,519036021	0,11777924	FALSE
Rv2468c	370	113	1,711202498	-0,287959284	-2,256472	0,0240411	0,039822813	0,00903656	FALSE
Rv2471	246	82	1,584962501	-0,414199281	-2,704953	0,0068314	0,012860649	0,00291833	FALSE
Rv2474c	143	32	2,159871337	0,160709555	0,7242821	0,4688926	0,541843626	0,12295473	FALSE
Rv2475c	480	109	2,138706271	0,139544489	1,1565501	0,2474562	0,314523781	0,07137149	FALSE
Rv2478c	164	25	2,713695815	0,714534033	3,1330154	0,0017302	0,003631679	0,0008241	FALSE
Rv2479c	11	0	4,459431619	2,460269837	2,064437	0,0389763	0,061810432	0,01402034	FALSE
Rv2481c	16	0	5	3,000838218	2,7653074	0,0056869	0,010885321	0,00246829	FALSE
Rv2483c	639	192	1,73470962	-0,264452162	-2,712457	0,0066786	0,012615213	0,00286263	FALSE
Rv2484c	430	125	1,782408565	-0,216753217	-1,808614	0,0705111	0,104155665	0,02363492	FALSE
Rv2488c	150	36	2,058893689	0,059731907	0,2805762	0,7790355	0,821528319	0,18635388	FALSE
Rv2489c	19	0	5,247927513	3,248765732	3,1251991	0,0017768	0,00372166	0,00084407	FALSE
Rv2490c	97	19	2,351985329	0,352823547	1,2667102	0,2052589	0,267528508	0,06070736	FALSE
Rv2491	11	9	0,289506617	-1,709655165	-2,954932	0,0031274	0,006289852	0,00142701	FALSE
Rv2492	44	5	3,137503524	1,138341742	2,4022028	0,0162967	0,027896733	0,0063303	FALSE
Rv2493	42	10	2,070389328	0,071227546	0,1766823	0,8597579	0,886969741	0,20127047	FALSE
Rv2494	53	13	2,027480736	0,028318955	0,0794998	0,9366351	0,950614693	0,21571273	FALSE
Rv2495c	499	141	1,823344653	-0,175817129	-1,569224	0,1165956	0,163126368	0,03701651	FALSE
Rv2502c	482	98	2,298179492	0,29901771	2,4157232	0,015704	0,027082007	0,00614543	FALSE
Rv2506	85	11	2,949959318	0,950797536	2,880887	0,0039656	0,007787025	0,00176659	FALSE
Rv2508c	180	28	2,684498174	0,685336392	3,1641481	0,0015554	0,003298066	0,00074839	FALSE
Rv2509	249	59	2,077358883	0,078197101	0,4717495	0,6371056	0,698955366	0,1586064	FALSE
Rv2511	126	23	2,453717967	0,454556186	1,8274826	0,0676272	0,100516985	0,02280006	FALSE
Rv2512c	9	0	4,169925001	2,17076322	1,7323823	0,0832055	0,12075899	0,02738742	FALSE

Rv2515c	94	17	2,46712601	0,467964229	1,6212294	0,1049684	0,14899966	0,0338048	FALSE
Rv2516c	247	46	2,424805276	0,425643494	2,4080416	0,0160384	0,027550205	0,00624901	FALSE
Rv2517c	365	106	1,783832199	-0,215329583	-1,654932	0,0979383	0,139547859	0,03166609	FALSE
Rv2523c	127	39	1,703282468	-0,295879314	-1,360119	0,1737923	0,232036795	0,05265361	FALSE
Rv2526	8	0	4	2,000838218	1,5504405	0,1210358	0,168501698	0,03819582	FALSE
Rv2528c	8	3	1,415037499	-0,584124283	-0,708414	0,4786884	0,551144976	0,12504713	FALSE
Rv2529	9	3	1,584962501	-0,414199281	-0,517344	0,6049162	0,671013799	0,15224451	FALSE
Rv2531c	586	146	2,004932296	0,005770514	0,0540851	0,9568673	0,968407695	0,21971504	FALSE
Rv2535c	242	70	1,78958022	-0,209581562	-1,310212	0,1901241	0,249783293	0,05668063	FALSE
Rv2536	1050	246	2,093659107	0,094497325	1,1676304	0,2429559	0,310002608	0,07034555	FALSE
Rv2537c	128	36	1,830074999	-0,169086783	-0,763365	0,4452456	0,519233783	0,11782412	FALSE
Rv2538c	289	64	2,174925683	0,175763901	1,1232095	0,2613485	0,328476279	0,07453758	FALSE
Rv2539c	69	18	1,938599455	-0,060562327	-0,197001	0,8438264	0,874882066	0,19852755	FALSE
Rv2541	54	17	1,667424661	-0,331737121	-1,000553	0,3170431	0,387967148	0,0880372	FALSE
Rv2543	7	4	0,807354922	-1,19180686	-1,502188	0,1330485	0,182996812	0,04151825	FALSE
Rv2544	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2545	1	1	0	-1,999161782	-1,095408	0,273338	0,341207532	0,07737244	FALSE
Rv2546	8	2	2	0,000838218	0,0009186	0,9992671	1	0,22680161	FALSE
Rv2547	40	4	3,321928095	1,322766313	2,5777685	0,0099441	0,017994664	0,00408106	FALSE
Rv2550c	149	51	1,546743178	-0,452418603	-2,314616	0,0206339	0,034578405	0,00784484	FALSE
Rv2552c	223	58	1,942918905	-0,056242877	-0,328668	0,742407	0,790297755	0,17933374	FALSE
Rv2554c	162	52	1,639410285	-0,359751497	-1,888569	0,0589496	0,089250447	0,02025264	FALSE
Rv2555c	4130	1077	1,939123532	-0,06003825	-1,512604	0,1303804	0,179797248	0,04079945	FALSE
Rv2559c	72	11	2,710493383	0,711331601	2,0677025	0,038668	0,061469811	0,01394868	FALSE
Rv2562	57	8	2,832890014	0,833728232	2,1110508	0,0347679	0,055617431	0,0126181	FALSE
Rv2563	157	51	1,622195407	-0,376966375	-1,95398	0,0507036	0,078298751	0,01776749	FALSE
Rv2565	235	79	1,572736198	-0,426425583	-2,727588	0,0063799	0,012085714	0,00274248	FALSE
Rv2567	566	117	2,274293523	0,275131741	2,418707	0,0155758	0,026896182	0,00610326	FALSE
Rv2569c	144	36	2	0,000838218	0,0038973	0,9968904	1	0,22680161	FALSE
Rv2570	9	0	4,169925001	2,17076322	1,7323823	0,0832055	0,12075899	0,02738742	FALSE
Rv2571c	160	43	1,89566334	-0,103498442	-0,516511	0,6054978	0,671375682	0,15234804	FALSE
Rv2572c	391	82	2,253472793	0,254311011	1,8648127	0,0622077	0,093429932	0,02120105	FALSE
Rv2573	5	2	1,321928095	-0,677233687	-0,659883	0,5093289	0,580911835	0,13174386	FALSE
Rv2575	269	52	2,371022644	0,371860863	2,2160348	0,0266891	0,043767931	0,00993178	FALSE
Rv2577	35	3	3,544320516	1,545158734	2,7101955	0,0067244	0,012674247	0,00287534	FALSE
Rv2578c	28	8	1,807354922	-0,19180686	-0,406591	0,6843086	0,740137953	0,16792849	FALSE
Rv2579	219	55	1,993427346	-0,005734436	-0,032919	0,9737391	0,982206427	0,22288151	FALSE

Rv2580c	617	133	2,213844244	0,214682462	1,9912695	0,0464513	0,072412566	0,0164318	FALSE
Rv2583c	2165	533	2,022159587	0,022997805	0,4132654	0,6794121	0,736761477	0,16715256	FALSE
Rv2586c	936	202	2,212153237	0,212991455	2,4341951	0,0149249	0,025908451	0,00587913	FALSE
Rv2587c	1320	295	2,16175107	0,162589288	2,2262537	0,0259972	0,042757686	0,00970254	FALSE
Rv2589	328	91	1,849757364	-0,149404417	-1,076126	0,281871	0,350362132	0,0795039	FALSE
Rv2594c	603	121	2,317150955	0,317989173	2,8640671	0,0041824	0,008174114	0,00185486	FALSE
Rv2596	67	15	2,159198595	0,160036813	0,4937385	0,6214909	0,685160053	0,15545425	FALSE
Rv2597	112	16	2,807354922	0,80819314	2,881296	0,0039604	0,007782739	0,00176605	FALSE
Rv2598	20	6	1,736965594	-0,262196188	-0,475502	0,6344294	0,696794685	0,1581161	FALSE
Rv2601	61	9	2,760812336	0,761650554	2,020144	0,0433684	0,068010006	0,01543278	FALSE
Rv2601A	89	12	2,89077093	0,891609148	2,7928855	0,005224	0,010040706	0,00227843	FALSE
Rv2605c	466	124	1,909989834	-0,089171948	-0,757649	0,4486613	0,522444687	0,11855274	FALSE
Rv2607	55	7	2,974004791	0,97484301	2,3660962	0,0179768	0,030586882	0,00694075	FALSE
Rv2609c	350	82	2,093659107	0,094497325	0,6740001	0,5003112	0,572447772	0,1298994	FALSE
Rv2610c	362	106	1,771925433	-0,227236349	-1,742842	0,0813612	0,118452788	0,02687921	FALSE
Rv2611c	164	39	2,072149786	0,072988004	0,3576648	0,7205942	0,771031843	0,17496194	FALSE
Rv2612c	224	74	1,597901556	-0,401260225	-2,494916	0,0125987	0,022212471	0,00504044	FALSE
Rv2614A	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2615c	127	32	1,988684687	-0,010477095	-0,045838	0,9634396	0,97380979	0,22097615	FALSE
Rv2617c	82	14	2,550197083	0,551035301	1,7575229	0,0788287	0,115020524	0,02610037	FALSE
Rv2618	10	8	0,321928095	-1,677233687	-2,748501	0,0059868	0,011417844	0,00259033	FALSE
Rv2620c	69	16	2,108524457	0,109362675	0,3454199	0,7297787	0,779168199	0,17680823	FALSE
Rv2621c	116	21	2,465663572	0,46650179	1,7958192	0,0725233	0,106668586	0,02420064	FALSE
Rv2622	27	7	1,94753258	-0,051629202	-0,104892	0,9164616	0,935193924	0,21221347	FALSE
Rv2626c	629	176	1,837484588	-0,161677194	-1,61622	0,1060468	0,150232947	0,03409074	FALSE
Rv2629	1023	279	1,874469118	-0,124692664	-1,579691	0,1141777	0,160255046	0,03635546	FALSE
Rv2630	147	24	2,614709844	0,615548062	2,5994807	0,0093365	0,017008374	0,00385953	FALSE
Rv2635	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2636	53	21	1,335603032	-0,66355875	-2,100096	0,0357204	0,057036946	0,01294278	FALSE
Rv2637	103	34	1,599037686	-0,400124096	-1,686616	0,0916772	0,131577538	0,02985747	FALSE
Rv2638	74	19	1,961525852	-0,03763593	-0,12628	0,89951	0,92195096	0,20920151	FALSE
Rv2640c	54	26	1,054447784	-0,944713998	-3,168685	0,0015313	0,003250511	0,0007376	FALSE
Rv2642	47	6	2,969626351	0,970464569	2,1790831	0,0293255	0,047714423	0,01082732	FALSE
Rv2643	123	19	2,694586992	0,69542521	2,6494445	0,0080624	0,014907731	0,00338285	FALSE
Rv2644c	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2645	29	10	1,5360529	-0,463108882	-1,047163	0,2950242	0,364871545	0,08279636	FALSE
Rv2646	68	10	2,765534746	0,766372964	2,144379	0,0320025	0,051644016	0,01171902	FALSE

Rv2647	16	7	1,192645078	-0,806516704	-1,437633	0,1505381	0,20399323	0,04628203	FALSE
Rv2648	51	14	1,86507042	-0,134091362	-0,379804	0,7040908	0,757896897	0,17198136	FALSE
Rv2649	28	3	3,222392421	1,223230639	2,0291217	0,0424459	0,066735748	0,01513457	FALSE
Rv2650c	99	33	1,584962501	-0,414199281	-1,715886	0,0861828	0,124781597	0,02831534	FALSE
Rv2651c	108	30	1,847996907	-0,151164875	-0,624927	0,5320192	0,601744732	0,13654744	FALSE
Rv2652c	11	2	2,459431619	0,460269837	0,5461941	0,5849325	0,652240298	0,14796402	FALSE
Rv2653c	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2654c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2655c	32	2	4	2,000838218	3,1008917	0,0019294	0,004013454	0,00091073	FALSE
Rv2656c	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv2657c	69	19	1,860596943	-0,138564839	-0,456868	0,6477662	0,708777873	0,16081301	FALSE
Rv2658c	12	0	4,584962501	2,585800719	2,2174871	0,0265898	0,043641391	0,00989895	FALSE
Rv2659c	61	8	2,930737338	0,931575556	2,3991433	0,0164335	0,028106527	0,00637791	FALSE
Rv2660c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2661c	27	2	3,754887502	1,75572572	2,6078618	0,009111	0,016643667	0,00377327	FALSE
Rv2662	11	0	4,459431619	2,460269837	2,064437	0,0389763	0,061810432	0,01402034	FALSE
Rv2663	21	1	4,392317423	2,393155641	2,8070784	0,0049993	0,009653498	0,00219003	FALSE
Rv2664	23	9	1,353636955	-0,645524827	-1,341642	0,179712	0,238046707	0,05399017	FALSE
Rv2665	98	32	1,614709844	-0,384451938	-1,576441	0,1149242	0,161016392	0,03653771	FALSE
Rv2667	20	2	3,321928095	1,322766313	1,8227509	0,0683411	0,101329842	0,02298505	FALSE
Rv2671	91	19	2,259867127	0,260705345	0,9211635	0,3569651	0,42988406	0,09752015	FALSE
Rv2672	308	96	1,68182404	-0,317337742	-2,280331	0,0225881	0,03760548	0,00853341	FALSE
Rv2675c	330	75	2,137503524	0,138341742	0,9508544	0,3416783	0,41489508	0,09414766	FALSE
Rv2676c	387	81	2,256339753	0,257177971	1,8752305	0,060761	0,091641084	0,02079512	FALSE
Rv2677c	155	47	1,721535554	-0,277626228	-1,405455	0,1598861	0,215586603	0,04890534	FALSE
Rv2679	108	24	2,169925001	0,17076322	0,6676417	0,5043623	0,576414108	0,13079943	FALSE
Rv2680	254	57	2,155794673	0,156632891	0,9414946	0,3464515	0,419786352	0,09525759	FALSE
Rv2682c	1352	374	1,853984976	-0,145176805	-2,122095	0,0338298	0,054171561	0,01229257	FALSE
Rv2683	113	29	1,962197967	-0,036963815	-0,153246	0,8782046	0,902459388	0,20478537	FALSE
Rv2684	252	57	2,144389909	0,145228127	0,8712187	0,3836348	0,455876911	0,10344723	FALSE
Rv2685	225	62	1,859584881	-0,139576901	-0,831217	0,4058512	0,478099517	0,10842639	FALSE
Rv2686c	43	13	1,725825037	-0,273336745	-0,728257	0,4664564	0,539740122	0,12245944	FALSE
Rv2688c	102	31	1,718229032	-0,28093275	-1,154342	0,24836	0,315469131	0,07158601	FALSE
Rv2689c	115	26	2,145050333	0,145888551	0,5911263	0,5544358	0,623522867	0,14148932	FALSE
Rv2690c	256	47	2,445411148	0,446249366	2,5610445	0,0104358	0,018751157	0,004255	FALSE
Rv2692	295	77	1,937784604	-0,061377178	-0,412905	0,679676	0,736642547	0,16715256	FALSE
Rv2693c	134	22	2,606657572	0,60749579	2,4528238	0,014174	0,024702678	0,00560551	FALSE

Rv2695	29	4	2,857980995	0,858819213	1,544353	0,1225028	0,170183594	0,03860433	FALSE
Rv2697c	336	82	2,034765418	0,035603636	0,2513632	0,8015333	0,840310276	0,19068254	FALSE
Rv2700	48	10	2,263034406	0,263872624	0,6767648	0,4985552	0,571516272	0,12966918	FALSE
Rv2701c	116	24	2,273018494	0,273856713	1,0900126	0,2757076	0,343404624	0,0779128	FALSE
Rv2702	257	76	1,757697036	-0,241464746	-1,564239	0,1177616	0,164640752	0,03736015	FALSE
Rv2705c	33	12	1,459431619	-0,539730163	-1,319268	0,1870795	0,245947144	0,05581013	FALSE
Rv2706c	2	5	-1,321928095	-3,321089877	-3,236004	0,0012122	0,002603893	0,00059087	FALSE
Rv2708c	243	81	1,584962501	-0,414199281	-2,688406	0,0071794	0,013432429	0,00304808	FALSE
Rv2715	331	64	2,370687407	0,371525625	2,4561495	0,0140435	0,024529432	0,0055662	FALSE
Rv2716	182	54	1,752907138	-0,246254644	-1,343548	0,1790946	0,237468241	0,05387705	FALSE
Rv2717c	101	39	1,372809264	-0,626352518	-2,718996	0,006548	0,012380361	0,00280934	FALSE
Rv2718c	188	66	1,510194732	-0,48896705	-2,827877	0,0046858	0,009090367	0,00206278	FALSE
Rv2719c	74	16	2,209453366	0,210291584	0,6759212	0,4990907	0,571631684	0,12969538	FALSE
Rv2723	147	26	2,499232627	0,500070845	2,1545039	0,0312007	0,050505009	0,01145821	FALSE
Rv2724c	290	71	2,030161971	0,031000189	0,2034895	0,8387525	0,87076593	0,19757749	FALSE
Rv2727c	71	16	2,14974712	0,150585338	0,4790307	0,6319168	0,695002756	0,15766436	FALSE
Rv2729c	403	122	1,723898691	-0,275263091	-2,246194	0,0246916	0,040831689	0,00926442	FALSE
Rv2732c	341	102	1,741202587	-0,257959195	-1,930474	0,0535482	0,081858107	0,01857518	FALSE
Rv2734	77	22	1,807354922	-0,19180686	-0,674265	0,5001431	0,572421424	0,12989342	FALSE
Rv2736c	127	22	2,529253068	0,530091286	2,1117773	0,0347056	0,055551429	0,01260569	FALSE
Rv2737A	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2737c	1401	318	2,139358285	0,140196503	1,9854004	0,0470999	0,073336821	0,01664153	FALSE
Rv2738c	46	8	2,523561956	0,524400174	1,2585115	0,2082068	0,270878334	0,06145736	FALSE
Rv2739c	119	45	1,402964667	-0,596197115	-2,794639	0,0051958	0,00999129	0,00226722	FALSE
Rv2740	74	29	1,351472371	-0,647689411	-2,415536	0,0157121	0,027084123	0,00614591	FALSE
Rv2742c	51	8	2,672425342	0,67326356	1,6579935	0,0973188	0,138815642	0,03149994	FALSE
Rv2744c	1245	332	1,906890596	-0,092271186	-1,282423	0,1996942	0,26070632	0,05915927	FALSE
Rv2749	74	12	2,624490865	0,625329083	1,8704536	0,0614208	0,092459478	0,02097283	FALSE
Rv2751	370	68	2,443918619	0,444756837	3,0694997	0,0021442	0,004422925	0,00100365	FALSE
Rv2754c	39	5	2,963474124	0,964312342	1,9745016	0,0483247	0,075066067	0,01702723	FALSE
Rv2755c	44	6	2,874469118	0,875307336	1,9332732	0,0532025	0,081424464	0,01847677	FALSE
Rv2756c	341	86	1,987363174	-0,011798608	-0,084609	0,9325726	0,947222827	0,21494305	FALSE
Rv2758c	22	2	3,459431619	1,460269837	2,0607512	0,0393268	0,062216132	0,01411237	FALSE
Rv2759c	33	6	2,459431619	0,460269837	0,946041	0,3441277	0,417419515	0,09470594	FALSE
Rv2760c	27	2	3,754887502	1,75572572	2,6078618	0,009111	0,016643667	0,00377327	FALSE
Rv2761c	111	37	1,584962501	-0,414199281	-1,816913	0,0692304	0,102455814	0,02324919	FALSE
Rv2763c	362	111	1,705430021	-0,293731761	-2,278959	0,0226695	0,037725089	0,00856055	FALSE

Rv2765	106	20	2,40599236	0,406830578	1,5126439	0,1303701	0,179877503	0,04079945	FALSE
Rv2766c	43	5	3,10433666	1,105174878	2,318846	0,0204034	0,034264831	0,00777339	FALSE
Rv2767c	13	1	3,700439718	1,701277936	1,7700667	0,076716	0,112228491	0,02544792	FALSE
Rv2768c	66	17	1,956931278	-0,042230504	-0,133925	0,8934622	0,916228495	0,20790985	FALSE
Rv2769c	23	9	1,353636955	-0,645524827	-1,341642	0,179712	0,238046707	0,05399017	FALSE
Rv2771c	167	39	2,098302074	0,099140292	0,4880263	0,6255312	0,689132671	0,15637744	FALSE
Rv2772c	185	64	1,531381461	-0,467780321	-2,673836	0,0074989	0,013957402	0,0031672	FALSE
Rv2773c	314	93	1,755461938	-0,243699844	-1,745737	0,0808567	0,117805252	0,02672336	FALSE
Rv2774c	37	5	2,887525271	0,888363489	1,7952075	0,0726206	0,106752072	0,0242241	FALSE
Rv2775	80	9	3,152003093	1,152841312	3,2721785	0,0010672	0,002315249	0,00052537	FALSE
Rv2776c	91	20	2,185866545	0,186704763	0,6682078	0,504001	0,576168051	0,1307436	FALSE
Rv2777c	289	54	2,42003818	0,420876398	2,5777236	0,0099454	0,017984626	0,00408106	FALSE
Rv2780	624	178	1,809668788	-0,189492994	-1,895856	0,0579791	0,087916051	0,01994984	FALSE
Rv2786c	197	34	2,534588978	0,535427196	2,6542071	0,0079495	0,014712734	0,0033386	FALSE
Rv2787	127	29	2,130703692	0,13154191	0,5615098	0,57445	0,643005784	0,1458522	FALSE
Rv2790c	455	143	1,669851398	-0,329310384	-2,882264	0,0039483	0,007766615	0,00176239	FALSE
Rv2796c	108	31	1,800691192	-0,19847059	-0,827246	0,4080977	0,479885911	0,1088817	FALSE
Rv2797c	152	51	1,575502171	-0,42365961	-2,178312	0,0293828	0,047787931	0,01084048	FALSE
Rv2798c	253	62	2,028797264	0,029635482	0,1817394	0,8557873	0,884029597	0,2006033	FALSE
Rv2800	158	41	1,946228744	-0,052933038	-0,260216	0,7946968	0,834029835	0,18925739	FALSE
Rv2801c	24	1	4,584962501	2,585800719	3,1360048	0,0017127	0,003599652	0,00081661	FALSE
Rv2802c	68	23	1,563900885	-0,435260897	-1,499845	0,1336546	0,183638272	0,04166379	FALSE
Rv2804c	3	1	1,584962501	-0,414199281	-0,298688	0,7651781	0,809729704	0,18369394	FALSE
Rv2805	73	24	1,604862058	-0,394299724	-1,39781	0,1621702	0,218367767	0,04954951	FALSE
Rv2806	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv2807	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2810c	12	2	2,584962501	0,585800719	0,7104468	0,4774271	0,550415821	0,12486342	FALSE
Rv2811	6	3	1	-0,999161782	-1,127672	0,2594587	0,326621426	0,07409303	FALSE
Rv2812	11	3	1,874469118	-0,124692664	-0,163756	0,8699229	0,895699199	0,20322483	FALSE
Rv2813	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2814c	12	3	2	0,000838218	0,001125	0,9991024	1	0,22680161	FALSE
Rv2815c	22	2	3,459431619	1,460269837	2,0607512	0,0393268	0,062216132	0,01411237	FALSE
Rv2817c	24	9	1,415037499	-0,584124283	-1,227015	0,2198168	0,283876073	0,06441693	FALSE
Rv2818c	107	28	1,934112064	-0,065049718	-0,263707	0,7920055	0,831426542	0,18866665	FALSE
Rv2819c	142	53	1,421826665	-0,577335117	-2,946581	0,0032131	0,006452346	0,00146416	FALSE
Rv2820c	49	21	1,222392421	-0,776769361	-2,410636	0,0159247	0,027390843	0,00621551	FALSE
Rv2821c	34	16	1,087462841	-0,911698941	-2,412596	0,0158394	0,027267756	0,00618758	FALSE

Rv2824c	70	28	1,321928095	-0,677233687	-2,469115	0,0135448	0,023731945	0,00538408	FALSE
Rv2827c	183	59	1,633056789	-0,366104993	-2,044961	0,0408587	0,064407157	0,01461522	FALSE
Rv2828A	25	6	2,058893689	0,059731907	0,1145407	0,9088092	0,928466101	0,21065951	FALSE
Rv2828c	53	22	1,268488836	-0,730672946	-2,339558	0,0193066	0,032624297	0,00740308	FALSE
Rv2829c	85	11	2,949959318	0,950797536	2,880887	0,0039656	0,007787025	0,00176659	FALSE
Rv2830c	198	36	2,459431619	0,460269837	2,3174116	0,0204813	0,034359136	0,00779675	FALSE
Rv2831	20	9	1,152003093	-0,847158688	-1,700254	0,0890831	0,128321319	0,02911857	FALSE
Rv2833c	39	4	3,285402219	1,286240437	2,4907725	0,0127466	0,022443071	0,00509276	FALSE
Rv2834c	28	4	2,807354922	0,80819314	1,4406217	0,1496916	0,203335171	0,04613271	FALSE
Rv2835c	57	8	2,832890014	0,833728232	2,1110508	0,0347679	0,055617431	0,0126181	FALSE
Rv2841c	597	122	2,290849784	0,291688002	2,6260152	0,0086391	0,015855093	0,00359783	FALSE
Rv2842c	762	176	2,114215569	0,115053787	1,2066659	0,2275608	0,292440494	0,06636037	FALSE
Rv2843	35	6	2,544320516	0,545158734	1,1371272	0,2554851	0,322339504	0,07314503	FALSE
Rv2844	185	39	2,245979242	0,24681746	1,2464757	0,2125898	0,275988851	0,06262717	FALSE
Rv2846c	2327	598	1,960253821	-0,038907961	-0,732716	0,4637316	0,537138803	0,12188711	FALSE
Rv2851c	381	70	2,444364171	0,445202389	3,1176812	0,0018228	0,003807795	0,00086406	FALSE
Rv2853	98	24	2,029747343	0,030585562	0,116712	0,9070883	0,92730849	0,21042411	FALSE
Rv2856	204	62	1,718229032	-0,28093275	-1,632539	0,102566	0,145930805	0,0331145	FALSE
Rv2858c	316	65	2,281412935	0,282251153	1,8516091	0,064082	0,095952663	0,0217735	FALSE
Rv2859c	216	56	1,94753258	-0,051629202	-0,296696	0,766699	0,810903934	0,18400968	FALSE
Rv2860c	400	97	2,043943348	0,044781566	0,3444166	0,730533	0,779551441	0,1768952	FALSE
Rv2862A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2862c	52	12	2,115477217	0,116315436	0,3185425	0,7500735	0,797382685	0,18094145	FALSE
Rv2863	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2865	78	12	2,700439718	0,701277936	2,1254183	0,0335517	0,053770014	0,01220041	FALSE
Rv2866	11	1	3,459431619	1,460269837	1,4571684	0,1450699	0,197567576	0,0448164	FALSE
Rv2869c	680	149	2,190222416	0,191060634	1,8681092	0,0617469	0,092843919	0,02106807	FALSE
Rv2870c	181	37	2,290392521	0,29123074	1,4436283	0,1488436	0,202287741	0,04590297	FALSE
Rv2873	50	7	2,836501268	0,837339486	1,984499	0,0472002	0,073463985	0,01667039	FALSE
Rv2874	50	17	1,556393349	-0,442768433	-1,309985	0,1902009	0,249801026	0,05668465	FALSE
Rv2875	48	7	2,777607579	0,778445797	1,8261877	0,067822	0,100654734	0,0228362	FALSE
Rv2877c	62	23	1,430634354	-0,568527428	-1,914337	0,0555771	0,084697128	0,01921941	FALSE
Rv2878c	90	17	2,404390255	0,405228473	1,3887057	0,1649223	0,221808487	0,05032403	FALSE
Rv2880c	143	23	2,636309381	0,637147599	2,643918	0,0081952	0,015114363	0,00342894	FALSE
Rv2883c	1162	275	2,079106545	0,079944763	1,0418226	0,2974939	0,367695432	0,08343716	FALSE
Rv2884	103	20	2,364572432	0,36541065	1,3489225	0,1773619	0,235368519	0,05340964	FALSE
Rv2887	92	12	2,938599455	0,939437673	2,9671956	0,0030053	0,00605976	0,00137508	FALSE

Rv2891	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv2892c	102	17	2,584962501	0,585800719	2,0713344	0,0383276	0,06097777	0,01383703	FALSE
Rv2893	7	5	0,485426827	-1,513734955	-2,017418	0,0436519	0,068413674	0,01551645	FALSE
Rv2894c	181	55	1,718486174	-0,280675608	-1,53627	0,1244722	0,172676114	0,03918353	FALSE
Rv2896c	103	33	1,642106408	-0,357055374	-1,49388	0,1352071	0,185351706	0,04205986	FALSE
Rv2897c	30	7	2,099535674	0,100373892	0,2093663	0,8341623	0,866913312	0,19671609	FALSE
Rv2898c	134	27	2,311201688	0,312039906	1,3260807	0,184813	0,243617102	0,0552814	FALSE
Rv2899c	195	56	1,799975392	-0,19918639	-1,115756	0,2645268	0,331520029	0,07522826	FALSE
Rv2900c	858	177	2,277228287	0,278066506	3,0084231	0,0026261	0,005336027	0,00121085	FALSE
Rv2901c	927	199	2,219800908	0,220639126	2,5061138	0,0122066	0,021617851	0,00490551	FALSE
Rv2905	766	165	2,214878368	0,215716586	2,2290934	0,0258077	0,042481441	0,00963985	FALSE
Rv2911	36	6	2,584962501	0,585800719	1,2305369	0,2184961	0,282540556	0,06411388	FALSE
Rv2912c	37	10	1,887525271	-0,111636511	-0,268281	0,7884834	0,829384867	0,18817826	FALSE
Rv2913c	222	50	2,150559677	0,151397895	0,851539	0,39447	0,466783576	0,10592216	FALSE
Rv2914c	110	22	2,321928095	0,322766313	1,2404577	0,2148061	0,278316494	0,06310067	FALSE
Rv2915c	223	53	2,072979445	0,073817663	0,4217551	0,6732038	0,731638428	0,16599586	FALSE
Rv2917	44	8	2,459431619	0,460269837	1,092397	0,2746586	0,342476661	0,07771453	FALSE
Rv2920c	236	40	2,560714954	0,561553173	3,0330936	0,0024206	0,004954264	0,00112422	FALSE
Rv2921c	560	144	1,959358016	-0,039803766	-0,367587	0,713181	0,765383925	0,17368031	FALSE
Rv2924c	78	9	3,115477217	1,116315436	3,1485128	0,001641	0,003453705	0,00078371	FALSE
Rv2925c	1528	336	2,185111405	0,185949623	2,7284616	0,006363	0,012065321	0,00273735	FALSE
Rv2930	834	211	1,982804385	-0,016357397	-0,183615	0,8543153	0,882740205	0,20031071	FALSE
Rv2943	103	22	2,227068909	0,227907127	0,8616133	0,3889003	0,460607477	0,10450009	FALSE
Rv2943A	23	5	2,201633861	0,202472079	0,3633038	0,716378	0,767353266	0,17407992	FALSE
Rv2944	59	6	3,297680549	1,298518767	3,086252	0,002027	0,00420093	0,00095327	FALSE
Rv2946c	3131	705	2,150928346	0,151766564	3,2080685	0,0013363	0,00285656	0,00064821	FALSE
Rv2947c	3136	790	1,989001001	-0,010160781	-0,22108	0,8250301	0,85923392	0,19497668	FALSE
Rv2948c	2194	497	2,142245769	0,143083987	2,5350014	0,0112447	0,020094719	0,00455988	FALSE
Rv2949c	1236	335	1,883445743	-0,115716039	-1,60897	0,1076229	0,152246988	0,03454777	FALSE
Rv2952	416	102	2,028014376	0,028852594	0,2269276	0,82048	0,855398669	0,19410639	FALSE
Rv2953	576	142	2,020177882	0,0210161	0,1947731	0,8455706	0,87622973	0,19883336	FALSE
Rv2955c	188	37	2,345135486	0,345973704	1,7313364	0,0833918	0,120918076	0,02743863	FALSE
Rv2956	257	47	2,451035698	0,451873916	2,5958532	0,0094356	0,017165199	0,00389511	FALSE
Rv2958c	159	26	2,612443237	0,613281455	2,6946115	0,0070471	0,013228778	0,00300186	FALSE
Rv2961	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2965c	97	16	2,599912842	0,60075106	2,0661172	0,0388174	0,061632803	0,01398567	FALSE
Rv2966c	104	28	1,893084796	-0,106076986	-0,426983	0,669392	0,72860002	0,16531053	FALSE

Rv2968c	161	56	1,523561956	-0,475599826	-2,53949	0,0111014	0,019883736	0,00451104	FALSE
Rv2969c	708	141	2,328054198	0,328892416	3,2038606	0,001356	0,002893934	0,00065669	FALSE
Rv2970A	66	21	1,652076697	-0,347085085	-1,160416	0,2458795	0,313175748	0,07105412	FALSE
Rv2970c	477	93	2,358686645	0,359524863	2,859299	0,0042458	0,008289789	0,00188111	FALSE
Rv2972c	19	3	2,662965013	0,663803231	0,999396	0,3176029	0,388531606	0,08816528	FALSE
Rv2973c	114	20	2,510961919	0,511800137	1,9378657	0,0526396	0,080782341	0,01833106	FALSE
Rv2974c	88	24	1,874469118	-0,124692664	-0,463184	0,6432325	0,704892765	0,15995371	FALSE
Rv2975c	208	41	2,342887714	0,343725932	1,8099843	0,0702982	0,103880166	0,02357241	FALSE
Rv2976c	140	24	2,544320516	0,545158734	2,2743113	0,0229473	0,038106968	0,0086472	FALSE
Rv2979c	175	60	1,544320516	-0,454841266	-2,52296	0,0116371	0,020730316	0,00470411	FALSE
Rv2980	47	4	3,554588852	1,55542707	3,1558777	0,0016002	0,003372176	0,00076501	FALSE
Rv2981c	207	48	2,108524457	0,109362675	0,5983077	0,5496347	0,61971386	0,14062498	FALSE
Rv2982c	250	77	1,698997744	-0,300164038	-1,937442	0,0526914	0,080830308	0,01834195	FALSE
Rv2983	15	2	2,906890596	0,907728814	1,1640334	0,2444105	0,311505887	0,07067525	FALSE
Rv2984	468	106	2,142444265	0,143282483	1,1718293	0,2412656	0,307945461	0,06987874	FALSE
Rv2987c	189	56	1,754887502	-0,24427428	-1,357668	0,1745691	0,232916258	0,05285317	FALSE
Rv2988c	386	107	1,850990051	-0,148171731	-1,157542	0,2470512	0,314414284	0,07134664	FALSE
Rv2989	114	37	1,623436649	-0,375725133	-1,65917	0,0970816	0,138552554	0,03143455	FALSE
Rv2990c	581	148	1,972940988	-0,026220794	-0,246069	0,8056291	0,843483185	0,19140254	FALSE
Rv2991	32	15	1,093109404	-0,906052377	-2,323789	0,0201368	0,033910986	0,00769208	FALSE
Rv2992c	461	86	2,422358186	0,423196404	3,2724215	0,0010663	0,002314533	0,00052521	FALSE
Rv2994	224	41	2,449802917	0,450641136	2,4173548	0,0156338	0,026984504	0,0061233	FALSE
Rv2996c	785	160	2,294620749	0,295458967	3,0483221	0,0023012	0,004719738	0,001071	FALSE
Rv2997	39	16	1,285402219	-0,713759563	-1,954708	0,0506175	0,078257723	0,01775818	FALSE
Rv2998	94	22	2,095157233	0,095995451	0,3547131	0,7228045	0,772872698	0,17535589	FALSE
Rv2998A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2999	74	11	2,750021747	0,750859965	2,1976059	0,0279772	0,045728176	0,0103766	FALSE
Rv3000	56	14	2	0,000838218	0,0024304	0,9980609	1	0,22680161	FALSE
Rv3001c	1098	320	1,778734244	-0,220427538	-2,941574	0,0032655	0,006540918	0,00148426	FALSE
Rv3002c	247	76	1,700439718	-0,298722064	-1,91605	0,0553587	0,084429565	0,01915455	FALSE
Rv3003c	757	190	1,994293882	-0,0048679	-0,051955	0,9585646	0,969627826	0,22002718	FALSE
Rv3004	45	17	1,404390255	-0,594771527	-1,713958	0,0865365	0,125155855	0,02840027	FALSE
Rv3006	428	101	2,083255504	0,084093722	0,6644839	0,5063806	0,578553068	0,1312848	FALSE
Rv3007c	170	26	2,708951218	0,709789436	3,1712418	0,0015179	0,003223774	0,00073154	FALSE
Rv3009c	798	193	2,047787899	0,048626117	0,5279411	0,5975403	0,664420286	0,15076973	FALSE
Rv3011c	181	57	1,666955873	-0,332205909	-1,834631	0,0665604	0,099136752	0,02249603	FALSE
Rv3012c	20	2	3,321928095	1,322766313	1,8227509	0,0683411	0,101329842	0,02298505	FALSE

Rv3014c	233	73	1,674361586	-0,324800196	-2,032573	0,0420956	0,066304009	0,01504565	FALSE
Rv3015c	100	27	1,888968688	-0,110193094	-0,435247	0,663383	0,723057262	0,1640456	FALSE
Rv3016	109	34	1,680721484	-0,318440298	-1,361436	0,1733759	0,23187343	0,05258096	FALSE
Rv3017c	26	8	1,700439718	-0,298722064	-0,621605	0,5342018	0,603953483	0,13702901	FALSE
Rv3018A	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3019c	25	3	3,058893689	1,059731907	1,7087995	0,0874881	0,126369903	0,02866001	FALSE
Rv3020c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv3022A	13	3	2,115477217	0,116315436	0,1592695	0,8734565	0,89816518	0,20378437	FALSE
Rv3023c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv3025c	578	165	1,808603468	-0,190558314	-1,83521	0,0664746	0,099046419	0,02247554	FALSE
Rv3026c	47	9	2,38466385	0,385502068	0,9579538	0,338086	0,411166007	0,09330147	FALSE
Rv3030	108	39	1,469485283	-0,529676499	-2,338173	0,0193783	0,032717426	0,00742421	FALSE
Rv3031	178	48	1,89077093	-0,108390852	-0,57103	0,5679795	0,637300496	0,14460917	FALSE
Rv3032	122	32	1,930737338	-0,068424444	-0,296368	0,7669487	0,810950592	0,18402027	FALSE
Rv3032A	55	11	2,321928095	0,322766313	0,8771237	0,3804195	0,452669912	0,10270401	FALSE
Rv3033	74	16	2,209453366	0,210291584	0,6759212	0,4990907	0,571631684	0,12969538	FALSE
Rv3034c	226	49	2,205469118	0,206307336	1,1596976	0,246172	0,313396454	0,07111568	FALSE
Rv3035	131	40	1,711494907	-0,287666875	-1,341122	0,1798807	0,238070328	0,05402273	FALSE
Rv3036c	137	22	2,638600464	0,639438682	2,5961278	0,0094281	0,0171594	0,0038938	FALSE
Rv3037c	130	30	2,115477217	0,116315436	0,5036708	0,6144928	0,679820313	0,15423587	FALSE
Rv3038c	691	159	2,119658945	0,120497163	1,2022815	0,2292545	0,294521088	0,066821	FALSE
Rv3040c	78	32	1,285402219	-0,713759563	-2,764415	0,0057025	0,010896638	0,00247266	FALSE
Rv3042c	853	246	1,793887426	-0,205274356	-2,407953	0,0160423	0,027544918	0,00624901	FALSE
Rv3044	409	104	1,975517315	-0,023644467	-0,186079	0,8523826	0,881436049	0,19996573	FALSE
Rv3046c	119	34	1,807354922	-0,19180686	-0,838232	0,4019005	0,474011862	0,1075624	FALSE
Rv3055	69	10	2,786596362	0,78743458	2,2113676	0,0270104	0,044239606	0,01003882	FALSE
Rv3056	89	25	1,831877241	-0,167284541	-0,629546	0,5289914	0,599007214	0,13592624	FALSE
Rv3057c	248	43	2,527931556	0,528769774	2,9444224	0,0032356	0,006484315	0,00147142	FALSE
Rv3060c	305	78	1,967263214	-0,031898568	-0,217088	0,8281397	0,862017142	0,19558153	FALSE
Rv3061c	453	115	1,977877189	-0,021284593	-0,176218	0,8601231	0,887114372	0,20130329	FALSE
Rv3063	177	56	1,660250628	-0,338911154	-1,853014	0,0638803	0,095759819	0,02172974	FALSE
Rv3064c	27	2	3,754887502	1,75572572	2,6078618	0,009111	0,016643667	0,00377327	FALSE
Rv3065	47	13	1,854149134	-0,145012648	-0,395048	0,6928074	0,747383015	0,16959556	FALSE
Rv3066	13	1	3,700439718	1,701277936	1,7700667	0,076716	0,112228491	0,02544792	FALSE
Rv3067	23	5	2,201633861	0,202472079	0,3633038	0,716378	0,767353266	0,17407992	FALSE
Rv3068c	130	50	1,378511623	-0,620650159	-3,053676	0,0022606	0,004643564	0,00105371	FALSE
Rv3070	38	15	1,341036918	-0,658124864	-1,762019	0,0780661	0,113949884	0,02585742	FALSE

Rv3071	38	4	3,247927513	1,248765732	2,4025508	0,0162812	0,027888359	0,00632703	FALSE
Rv3073c	31	7	2,146841388	0,147679606	0,3105752	0,7561236	0,802408562	0,18205742	FALSE
Rv3074	75	24	1,64385619	-0,355305592	-1,268114	0,2047571	0,266962684	0,06057896	FALSE
Rv3076	305	88	1,793233814	-0,205927968	-1,444374	0,1486339	0,202072415	0,04585411	FALSE
Rv3079c	63	25	1,333423734	-0,665738048	-2,298058	0,0215585	0,035997705	0,00816857	FALSE
Rv3080c	276	65	2,086156644	0,086994862	0,5517093	0,5811475	0,648937083	0,14725629	FALSE
Rv3081	107	16	2,741466986	0,742305205	2,6163535	0,0088874	0,016280586	0,00369438	FALSE
Rv3082c	23	3	2,938599455	0,939437673	1,4835765	0,1379213	0,188580907	0,04278521	FALSE
Rv3084	28	6	2,222392421	0,223230639	0,4403642	0,6596734	0,720008781	0,16336122	FALSE
Rv3085	35	3	3,544320516	1,545158734	2,7101955	0,0067244	0,012674247	0,00287534	FALSE
Rv3086	264	59	2,16175107	0,162589288	0,9953246	0,3195784	0,390705893	0,08865867	FALSE
Rv3087	125	30	2,058893689	0,059731907	0,256128	0,797852	0,837118423	0,18995825	FALSE
Rv3088	77	9	3,096861539	1,097699757	3,0860367	0,0020284	0,004201764	0,00095346	FALSE
Rv3089	107	19	2,493539473	0,494377691	1,8189975	0,0689118	0,102041735	0,02315088	FALSE
Rv3090	29	8	1,857980995	-0,141180787	-0,301911	0,7627199	0,807995469	0,18330046	FALSE
Rv3091	212	48	2,142957954	0,143796172	0,7913971	0,4287123	0,502031271	0,11392054	FALSE
Rv3092c	705	183	1,945779609	-0,053382173	-0,554465	0,579261	0,647196964	0,14686142	FALSE
Rv3094c	263	66	1,99452487	-0,004636912	-0,029165	0,9767329	0,984722504	0,22345245	FALSE
Rv3097c	53	17	1,640457613	-0,358704169	-1,076844	0,28155	0,350073527	0,07943841	FALSE
Rv3098c	67	13	2,365649472	0,36648769	1,0909352	0,2753014	0,343115432	0,07784718	FALSE
Rv3104c	494	142	1,798620112	-0,20054167	-1,788555	0,0736865	0,108157626	0,02454304	FALSE
Rv3106	131	45	1,541569905	-0,457591877	-2,197081	0,0280147	0,045770423	0,01038619	FALSE
Rv3107c	95	26	1,86941589	-0,129745892	-0,501196	0,6162329	0,68040949	0,15439798	FALSE
Rv3108	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3110	30	6	2,321928095	0,322766313	0,6477946	0,5171178	0,588094778	0,13345	FALSE
Rv3111	18	0	5,169925001	3,17076322	3,0092122	0,0026193	0,005333178	0,00120895	FALSE
Rv3112	12	2	2,584962501	0,585800719	0,7104468	0,4774271	0,550415821	0,12486342	FALSE
Rv3113	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv3114	12	0	4,584962501	2,585800719	2,2174871	0,0265898	0,043641391	0,00989895	FALSE
Rv3115	23	2	3,523561956	1,524400174	2,175293	0,0296082	0,048035622	0,01089572	FALSE
Rv3116	383	100	1,937344392	-0,06181739	-0,4739	0,635571	0,697659953	0,15831244	FALSE
Rv3121	256	45	2,508146904	0,508985122	2,8894999	0,0038586	0,007609064	0,00172651	FALSE
Rv3124	42	4	3,392317423	1,393155641	2,7482601	0,0059912	0,011417965	0,00259033	FALSE
Rv3126c	8	2	2	0,000838218	0,0009186	0,9992671	1	0,22680161	FALSE
Rv3129	15	0	4,906890596	2,907728814	2,6366199	0,0083737	0,015400193	0,00349216	FALSE
Rv3133c	532	152	1,807354922	-0,19180686	-1,772563	0,0763011	0,111745894	0,02535729	FALSE
Rv3137	201	46	2,127489735	0,128327953	0,6895431	0,4904816	0,562833659	0,12771777	FALSE

Rv3138	102	15	2,765534746	0,766372964	2,6263369	0,0086309	0,015847487	0,0035961	FALSE
Rv3141	403	82	2,297084024	0,297922242	2,2011809	0,0277232	0,04535063	0,01029093	FALSE
Rv3142c	198	54	1,874469118	-0,124692664	-0,694799	0,4871813	0,559372103	0,12693228	FALSE
Rv3143	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv3146	1068	238	2,165878168	0,166716386	2,0517247	0,0401964	0,063388526	0,01438407	FALSE
Rv3148	1600	389	2,040229845	0,041068063	0,6323341	0,5271686	0,597973203	0,13569161	FALSE
Rv3149	377	125	1,592636429	-0,406525353	-3,282331	0,0010295	0,002244583	0,00050934	FALSE
Rv3150	1164	253	2,201881768	0,202719986	2,5883817	0,0096428	0,017501715	0,00397148	FALSE
Rv3156	2225	533	2,061597898	0,062436116	1,1296667	0,2586167	0,325769492	0,07392336	FALSE
Rv3160c	79	15	2,396890153	0,397728371	1,2786521	0,2010196	0,262349865	0,05953222	FALSE
Rv3163c	71	19	1,901819606	-0,097342176	-0,323252	0,7465046	0,793802694	0,18012908	FALSE
Rv3164c	156	35	2,156119202	0,15695742	0,7393092	0,4597193	0,533745289	0,12111706	FALSE
Rv3165c	19	11	0,788495895	-1,210665887	-2,522273	0,0116599	0,020761488	0,00471118	FALSE
Rv3166c	91	14	2,700439718	0,701277936	2,2957209	0,0216918	0,036205095	0,00821563	FALSE
Rv3167c	7	0	3,807354922	1,80819314	1,355158	0,1753672	0,233310295	0,05286234	FALSE
Rv3169	96	39	1,299560282	-0,6996015	-2,998663	0,0027117	0,005498632	0,00124775	FALSE
Rv3170	59	26	1,182203331	-0,816958451	-2,80152	0,0050862	0,009804577	0,00222485	FALSE
Rv3171c	609	182	1,742503778	-0,256658004	-2,56648	0,0102737	0,018501962	0,00419845	FALSE
Rv3173c	261	86	1,601641242	-0,39752054	-2,666302	0,0076691	0,014250553	0,00323296	FALSE
Rv3174	21	9	1,222392421	-0,776769361	-1,578115	0,1145392	0,160591087	0,0364412	FALSE
Rv3175	20	1	4,321928095	2,322766313	2,6914838	0,0071135	0,013340765	0,00302584	FALSE
Rv3177	7	7	0	-1,999161782	-2,898187	0,0037533	0,007420004	0,00168374	FALSE
Rv3178	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3179	39	5	2,963474124	0,964312342	1,9745016	0,0483247	0,075066067	0,01702723	FALSE
Rv3180c	21	2	3,392317423	1,393155641	1,9433061	0,0519792	0,08000231	0,01813637	FALSE
Rv3181c	5	2	1,321928095	-0,677233687	-0,659883	0,5093289	0,580911835	0,13174386	FALSE
Rv3182	54	10	2,432959407	0,433797625	1,145827	0,2518667	0,319357802	0,07245677	FALSE
Rv3183	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv3184	55	8	2,781359714	0,782197932	1,9629657	0,0496502	0,076973366	0,01745987	FALSE
Rv3185	29	4	2,857980995	0,858819213	1,544353	0,1225028	0,170183594	0,03860433	FALSE
Rv3186	59	12	2,297680549	0,298518767	0,8437509	0,3988086	0,470787565	0,10683074	FALSE
Rv3187	22	1	4,459431619	2,460269837	2,9195587	0,0035053	0,006975176	0,00158121	FALSE
Rv3188	170	27	2,654503434	0,655341652	2,9557351	0,0031192	0,006278293	0,0014243	FALSE
Rv3189	66	16	2,044394119	0,045232337	0,1412865	0,8876436	0,911090778	0,2067171	FALSE
Rv3190A	178	29	2,617752436	0,618590654	2,8731179	0,0040644	0,007963283	0,00180702	FALSE
Rv3191c	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv3192	4	1	2	0,000838218	0,0006495	0,9994817	0,999862021	0,22680161	FALSE

Rv3194c	180	42	2,099535674	0,100373892	0,5128621	0,6080478	0,673445815	0,15281779	FALSE
Rv3195	121	18	2,748938236	0,749776454	2,8066326	0,0050062	0,009659772	0,00219199	FALSE
Rv3196	6	0	3,584962501	1,585800719	1,1435548	0,2528083	0,319883217	0,07249462	FALSE
Rv3196A	23	2	3,523561956	1,524400174	2,175293	0,0296082	0,048035622	0,01089572	FALSE
Rv3198A	99	19	2,381429107	0,382267325	1,3794401	0,1677591	0,225201461	0,05110254	FALSE
Rv3199c	292	74	1,980371193	-0,018790589	-0,124841	0,9006492	0,921920656	0,20920151	FALSE
Rv3202c	165	27	2,611434712	0,61227293	2,7409512	0,0061262	0,011660993	0,0026461	FALSE
Rv3203	106	20	2,40599236	0,406830578	1,5126439	0,1303701	0,179877503	0,04079945	FALSE
Rv3204	91	26	1,807354922	-0,19180686	-0,733006	0,4635547	0,537091563	0,12187639	FALSE
Rv3206c	718	211	1,766740845	-0,232420937	-2,513055	0,0119691	0,021235281	0,00481869	FALSE
Rv3208	533	143	1,898120386	-0,101041396	-0,920051	0,3575462	0,430058608	0,09758856	FALSE
Rv3212	560	135	2,05246742	0,053305638	0,4843954	0,6281053	0,691582158	0,15693328	FALSE
Rv3215	118	16	2,882643049	0,883481267	3,19107	0,0014175	0,003016999	0,00068461	FALSE
Rv3218	36	15	1,263034406	-0,736127376	-1,944397	0,0518476	0,079940234	0,01813637	FALSE
Rv3221A	807	167	2,272720571	0,273558789	2,8725502	0,0040717	0,007973644	0,00180937	FALSE
Rv3221c	616	127	2,278101854	0,278940072	2,5565518	0,0105715	0,018986395	0,00430838	FALSE
Rv3222c	433	108	2,003335713	0,004173931	0,033636	0,9731674	0,982006437	0,22280762	FALSE
Rv3224	593	126	2,234608371	0,235446589	2,1332645	0,032903	0,052837771	0,01198991	FALSE
Rv3224A	117	19	2,622437206	0,623275424	2,3450618	0,0190239	0,032215702	0,00731036	FALSE
Rv3224B	95	17	2,482392767	0,483230985	1,678555	0,0932388	0,133527168	0,03029988	FALSE
Rv3225c	291	72	2,014950341	0,01578856	0,1040909	0,9170972	0,935600478	0,21230572	FALSE
Rv3226c	163	36	2,178803153	0,179641371	0,8615404	0,3889405	0,460516708	0,10450009	FALSE
Rv3228	110	32	1,781359714	-0,217802068	-0,919264	0,3579576	0,430422235	0,09767107	FALSE
Rv3231c	66	20	1,722466024	-0,276695757	-0,913866	0,3607871	0,433032317	0,09826335	FALSE
Rv3232c	419	95	2,140950825	0,141789043	1,0975002	0,2724228	0,340388249	0,0772284	FALSE
Rv3233c	329	74	2,152490408	0,153328626	1,0495347	0,2939321	0,363977453	0,08259348	FALSE
Rv3234c	220	61	1,850622376	-0,148539406	-0,876065	0,3809946	0,453149199	0,10282826	FALSE
Rv3235	29	4	2,857980995	0,858819213	1,544353	0,1225028	0,170183594	0,03860433	FALSE
Rv3236c	494	157	1,653746483	-0,345415299	-3,15897	0,0015833	0,003344643	0,00075896	FALSE
Rv3238c	206	53	1,958580073	-0,040581709	-0,227311	0,8201822	0,855314234	0,19408723	FALSE
Rv3239c	261	86	1,601641242	-0,39752054	-2,666302	0,0076691	0,014250553	0,00323296	FALSE
Rv3242c	45	15	1,584962501	-0,414199281	-1,15683	0,247342	0,314581337	0,07136154	FALSE
Rv3244c	685	147	2,220287833	0,221126051	2,1587328	0,0308709	0,050001992	0,01134641	FALSE
Rv3247c	130	34	1,934904972	-0,06425681	-0,287091	0,7740429	0,817575087	0,18550911	FALSE
Rv3248c	1826	487	1,906693088	-0,092468694	-1,556739	0,1195325	0,16693919	0,03788171	FALSE
Rv3249c	238	61	1,964080426	-0,035081356	-0,211014	0,8328765	0,86580521	0,19646783	FALSE
Rv3253c	116	40	1,5360529	-0,463108882	-2,094389	0,0362254	0,057796475	0,01311513	FALSE

Rv3254	242	40	2,596935142	0,597773361	3,2490592	0,0011579	0,002499537	0,00056719	FALSE
Rv3255c	363	74	2,294372372	0,29521059	2,071024	0,0383566	0,060999289	0,01384191	FALSE
Rv3256c	227	55	2,045188774	0,046026992	0,2666032	0,7897747	0,830410955	0,1884362	FALSE
Rv3257c	1310	286	2,19547976	0,196317978	2,6622581	0,0077618	0,014399188	0,00326745	FALSE
Rv3258c	254	55	2,207324973	0,208163191	1,24011	0,2149347	0,278117596	0,06311023	FALSE
Rv3259	29	12	1,273018494	-0,726143287	-1,7185	0,0857055	0,124136106	0,02816887	FALSE
Rv3264c	1061	249	2,091207009	0,092045227	1,1437633	0,2527218	0,320287541	0,07249462	FALSE
Rv3266c	234	51	2,197939378	0,198777596	1,1384629	0,2549272	0,321738565	0,07300866	FALSE
Rv3268	336	72	2,222392421	0,223230639	1,5255915	0,1271116	0,176028169	0,03994417	FALSE
Rv3272	363	111	1,709409872	-0,28975191	-2,249632	0,0244723	0,040486047	0,00918706	FALSE
Rv3275c	197	54	1,867164317	-0,131997465	-0,734571	0,4626006	0,536143593	0,12166128	FALSE
Rv3279c	102	18	2,502500341	0,503338559	1,805372	0,0710165	0,104862976	0,02379542	FALSE
Rv3281	670	139	2,269076213	0,269914431	2,5840592	0,0097645	0,017706298	0,0040179	FALSE
Rv3282	232	52	2,157541277	0,158379495	0,9095506	0,3630595	0,433911162	0,09846278	FALSE
Rv3286c	116	24	2,273018494	0,273856713	1,0900126	0,2757076	0,343404624	0,0779128	FALSE
Rv3291c	43	15	1,519374159	-0,479787623	-1,324869	0,1852146	0,244064941	0,05538302	FALSE
Rv3294c	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3295	713	168	2,085440844	0,086279062	0,879669	0,3790386	0,451231005	0,10239298	FALSE
Rv3297	26	11	1,2410081	-0,758153682	-1,708365	0,0875687	0,126347488	0,02866543	FALSE
Rv3298c	205	37	2,470026734	0,470864952	2,4078791	0,0160455	0,027538483	0,00624901	FALSE
Rv3299c	707	218	1,69738208	-0,301779702	-3,277063	0,0010489	0,002279325	0,00051722	FALSE
Rv3300c	296	94	1,654864514	-0,344297268	-2,436732	0,0148206	0,025750061	0,00584318	FALSE
Rv3301c	696	184	1,91938154	-0,079780242	-0,827121	0,4081683	0,479825818	0,1088817	FALSE
Rv3302c	573	128	2,162391329	0,163229547	1,4720931	0,1409957	0,192351145	0,04364817	FALSE
Rv3303c	280	49	2,514573173	0,515411391	3,0566764	0,0022381	0,004604538	0,00104486	FALSE
Rv3305c	268	79	1,762308442	-0,23685334	-1,565611	0,1174396	0,164248855	0,03727122	FALSE
Rv3306c	265	87	1,606905054	-0,392256728	-2,648667	0,008081	0,014935086	0,00338906	FALSE
Rv3312c	221	78	1,502500341	-0,496661441	-3,118478	0,0018179	0,003799532	0,00086219	FALSE
Rv3314c	134	40	1,744161096	-0,255000686	-1,19558	0,2318607	0,297288194	0,0674604	FALSE
Rv3315c	73	16	2,189824559	0,190662777	0,610749	0,5413657	0,611264369	0,13870763	FALSE
Rv3316	135	32	2,076815597	0,077653815	0,3449672	0,730119	0,779320559	0,1768428	FALSE
Rv3322c	29	13	1,157541277	-0,841620505	-2,032049	0,0421487	0,066347853	0,0150526	FALSE
Rv3323c	192	44	2,125530882	0,1263691	0,6638653	0,5067765	0,578837698	0,13134939	FALSE
Rv3324c	29	6	2,273018494	0,273856713	0,5449939	0,5857577	0,652606912	0,14804722	FALSE
Rv3325	60	8	2,906890596	0,907728814	2,3280888	0,0199074	0,033553311	0,00761325	FALSE
Rv3326	19	1	4,247927513	2,248765732	2,5725352	0,0100957	0,018214691	0,00413137	FALSE
Rv3327	45	15	1,584962501	-0,414199281	-1,15683	0,247342	0,314581337	0,07136154	FALSE

Rv3329	150	38	1,980891177	-0,018270605	-0,08699	0,9306796	0,946031066	0,21457858	FALSE
Rv3330	185	49	1,916671616	-0,082490165	-0,441058	0,6591711	0,719759375	0,16332723	FALSE
Rv3331	262	69	1,924898545	-0,074263237	-0,47187	0,6370193	0,699055131	0,1586064	FALSE
Rv3333c	5	4	0,321928095	-1,677233687	-1,943479	0,0519583	0,08007958	0,01813637	FALSE
Rv3335c	397	94	2,078406345	0,079244564	0,6035663	0,546132	0,616293163	0,13984876	FALSE
Rv3337	259	87	1,573864792	-0,42529699	-2,855369	0,0042987	0,008380631	0,00190173	FALSE
Rv3341	143	29	2,301890342	0,30272856	1,3311612	0,183136	0,241487245	0,05479809	FALSE
Rv3342	132	33	2	0,000838218	0,0037314	0,9970228	1	0,22680161	FALSE
Rv3344c	22	1	4,459431619	2,460269837	2,9195587	0,0035053	0,006975176	0,00158121	FALSE
Rv3345c	32	17	0,912537159	-1,086624623	-2,875496	0,0040339	0,007911409	0,00179525	FALSE
Rv3346c	50	12	2,058893689	0,059731907	0,1619862	0,8713167	0,896549238	0,20344424	FALSE
Rv3348	19	10	0,925999419	-1,073162363	-2,183157	0,0290243	0,047253553	0,01072053	FALSE
Rv3349c	16	2	3	1,000838218	1,3043088	0,1921283	0,252164429	0,05722095	FALSE
Rv3351c	4	1	2	0,000838218	0,0006495	0,9994817	0,999862021	0,22680161	FALSE
Rv3352c	5	0	3,321928095	1,322766313	0,911373	0,3620989	0,433814702	0,09832204	FALSE
Rv3354	28	7	2	0,000838218	0,0017185	0,9986288	1	0,22680161	FALSE
Rv3355c	127	35	1,85940167	-0,139760112	-0,62531	0,5317675	0,601632555	0,13652198	FALSE
Rv3356c	182	52	1,807354922	-0,19180686	-1,036656	0,2998961	0,370084529	0,08397929	FALSE
Rv3357	27	2	3,754887502	1,75572572	2,6078618	0,009111	0,016643667	0,00377327	FALSE
Rv3358	18	0	5,169925001	3,17076322	3,0092122	0,0026193	0,005333178	0,00120895	FALSE
Rv3359	27	11	1,295455884	-0,703705898	-1,600708	0,1094415	0,15468099	0,0350938	FALSE
Rv3361c	89	27	1,720845929	-0,278315853	-1,067742	0,285637	0,354484643	0,08043937	FALSE
Rv3362c	118	29	2,024662054	0,025500272	0,1068703	0,9148919	0,933833727	0,21190481	FALSE
Rv3363c	61	18	1,760812336	-0,238349446	-0,751797	0,4521731	0,526223269	0,11941017	FALSE
Rv3364c	171	55	1,636492801	-0,362668981	-1,95705	0,0503416	0,077861602	0,01766829	FALSE
Rv3366	6	6	0	-1,999161782	-2,683198	0,0072922	0,01363374	0,00309245	FALSE
Rv3367	246	47	2,387925654	0,388763872	2,209015	0,0271736	0,044469991	0,0100911	FALSE
Rv3368c	40	16	1,321928095	-0,677233687	-1,866455	0,0619777	0,093120092	0,02113074	FALSE
Rv3369	58	21	1,465663572	-0,53349821	-1,726955	0,0841757	0,122009849	0,02768638	FALSE
Rv3370c	102	32	1,672425342	-0,32673644	-1,353247	0,1759768	0,233687688	0,05302823	FALSE
Rv3372	92	16	2,523561956	0,524400174	1,7798238	0,0751048	0,110116491	0,02498755	FALSE
Rv3373	86	16	2,426264755	0,427102973	1,4253585	0,1540536	0,208399041	0,04728164	FALSE
Rv3374	46	11	2,064130337	0,064968556	0,1688395	0,8659229	0,892279511	0,20244891	FALSE
Rv3375	76	19	2	0,000838218	0,0028313	0,997741	1	0,22680161	FALSE
Rv3377c	279	62	2,169925001	0,17076322	1,0731337	0,2832111	0,351806216	0,07983159	FALSE
Rv3378c	74	15	2,30256277	0,303400988	0,9595855	0,3372639	0,410292606	0,09310327	FALSE
Rv3379c	81	11	2,880418384	0,881256602	2,638195	0,0083349	0,015346731	0,00348247	FALSE

Rv3380c	10	2	2,321928095	0,322766313	0,3740024	0,7084025	0,761395133	0,17275164	FALSE
Rv3381c	22	7	1,652076697	-0,347085085	-0,669957	0,5028853	0,575059292	0,130492	FALSE
Rv3384c	60	10	2,584962501	0,585800719	1,5886253	0,112145	0,157851521	0,03581954	FALSE
Rv3385c	226	74	1,610725597	-0,388436185	-2,420554	0,0154969	0,026771689	0,00607501	FALSE
Rv3387	24	3	3	1,000838218	1,5974481	0,1101659	0,155537553	0,03527552	FALSE
Rv3388	25	8	1,64385619	-0,355305592	-0,732134	0,4640867	0,537313298	0,12190882	FALSE
Rv3390	119	33	1,850423644	-0,148738138	-0,64518	0,5188106	0,589594846	0,13377112	FALSE
Rv3391	176	34	2,371968777	0,372806996	1,7967139	0,0723811	0,106558746	0,0241712	FALSE
Rv3393	127	43	1,562419932	-0,43674185	-2,057259	0,0396613	0,062644878	0,01421305	FALSE
Rv3395A	13	1	3,700439718	1,701277936	1,7700667	0,076716	0,112228491	0,02544792	FALSE
Rv3397c	71	10	2,827819025	0,828657243	2,3438176	0,0190875	0,032288706	0,00732536	FALSE
Rv3398c	30	2	3,906890596	1,907728814	2,9092699	0,0036227	0,007181746	0,00162927	FALSE
Rv3399	87	13	2,742503778	0,743341996	2,3620569	0,0181739	0,030855649	0,00700174	FALSE
Rv3400	176	54	1,704544116	-0,294617665	-1,593997	0,1109368	0,156429997	0,03549697	FALSE
Rv3401	435	104	2,064431873	0,065270091	0,5216458	0,601917	0,668344766	0,15166027	FALSE
Rv3405c	98	21	2,222392421	0,223230639	0,8238613	0,4100184	0,481785311	0,10931006	FALSE
Rv3406	25	2	3,64385619	1,644694408	2,3963879	0,0165576	0,028281946	0,00641556	FALSE
Rv3410c	476	105	2,180572246	0,181410464	1,4864316	0,137165	0,187709478	0,04259489	FALSE
Rv3415c	26	11	1,2410081	-0,758153682	-1,708365	0,0875687	0,126347488	0,02866543	FALSE
Rv3417c	307	85	1,852703909	-0,146457873	-1,020047	0,3077063	0,378066547	0,08579056	FALSE
Rv3419c	204	70	1,543142325	-0,456019457	-2,731637	0,0063021	0,011966934	0,00271553	FALSE
Rv3421c	52	15	1,793549123	-0,205612659	-0,595399	0,5515768	0,621370704	0,14100095	FALSE
Rv3422c	144	23	2,646363045	0,647201264	2,6903201	0,0071384	0,013368308	0,00303353	FALSE
Rv3426	53	6	3,142957954	1,143796172	2,6465951	0,0081307	0,015012799	0,00340669	FALSE
Rv3427c	84	10	3,070389328	1,071227546	3,1599952	0,0015777	0,003335576	0,0007567	FALSE
Rv3428c	13	1	3,700439718	1,701277936	1,7700667	0,076716	0,112228491	0,02544792	FALSE
Rv3431c	74	30	1,30256277	-0,696599012	-2,620056	0,0087915	0,016127371	0,00365961	FALSE
Rv3433c	68	23	1,563900885	-0,435260897	-1,499845	0,1336546	0,183638272	0,04166379	FALSE
Rv3438	145	25	2,5360529	0,536891118	2,2827371	0,0224459	0,037384484	0,00848326	FALSE
Rv3440c	37	13	1,509013647	-0,490148134	-1,257757	0,2084797	0,27109917	0,06151761	FALSE
Rv3444c	9	2	2,169925001	0,17076322	0,1927264	0,8471733	0,877083966	0,19894886	FALSE
Rv3445c	54	16	1,754887502	-0,24427428	-0,725673	0,4680391	0,541253794	0,12280288	FALSE
Rv3446c	5	2	1,321928095	-0,677233687	-0,659883	0,5093289	0,580911835	0,13174386	FALSE
Rv3448	18	4	2,169925001	0,17076322	0,2725569	0,7851938	0,826475709	0,18754321	FALSE
Rv3449	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3450c	103	39	1,401098308	-0,598063474	-2,608953	0,009082	0,016613786	0,00376999	FALSE
Rv3451	170	27	2,654503434	0,655341652	2,9557351	0,0031192	0,006278293	0,0014243	FALSE

Rv3453	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE
Rv3455c	316	102	1,631355406	-0,367806376	-2,700621	0,006921	0,013010729	0,00295238	FALSE
Rv3457c	1343	314	2,096622841	0,097461059	1,3613589	0,1734003	0,231827396	0,05258096	FALSE
Rv3458c	1209	311	1,958827759	-0,040334023	-0,547456	0,5840655	0,651641935	0,14787007	FALSE
Rv3462c	1303	282	2,208070016	0,208908234	2,8192475	0,0048136	0,009320073	0,0021149	FALSE
Rv3463	56	9	2,637429921	0,638268139	1,6570822	0,0975029	0,139027948	0,03154811	FALSE
Rv3466	111	24	2,209453366	0,210291584	0,8278392	0,4077616	0,479633661	0,10883809	FALSE
Rv3467	14	0	4,807354922	2,80819314	2,5028209	0,0123208	0,021780899	0,00494029	FALSE
Rv3468c	11	5	1,137503524	-0,861658258	-1,285746	0,1985317	0,259274505	0,05883437	FALSE
Rv3469c	22	8	1,459431619	-0,539730163	-1,077174	0,2814026	0,350111004	0,07943841	FALSE
Rv3470c	20	11	0,862496476	-1,136665306	-2,398665	0,016455	0,02813106	0,00638238	FALSE
Rv3471c	6	2	1,584962501	-0,414199281	-0,422409	0,6727265	0,731623716	0,16595083	FALSE
Rv3473c	6	1	2,584962501	0,585800719	0,502361	0,6154136	0,680171264	0,15423587	FALSE
Rv3474	57	10	2,510961919	0,511800137	1,3702591	0,170606	0,228478828	0,05184624	FALSE
Rv3482c	191	31	2,623232518	0,624070736	2,9997113	0,0027024	0,005482559	0,0012441	FALSE
Rv3483c	332	86	1,948774677	-0,050387105	-0,358921	0,7196545	0,770235331	0,17478119	FALSE
Rv3484	427	82	2,380540255	0,381378473	2,8588478	0,0042518	0,00829748	0,00188286	FALSE
Rv3486	24	3	3	1,000838218	1,5974481	0,1101659	0,155537553	0,03527552	FALSE
Rv3488	32	7	2,192645078	0,193483296	0,4101445	0,6817	0,737923622	0,16742607	FALSE
Rv3490	1716	371	2,209558461	0,210396679	3,2579089	0,0011224	0,002426867	0,0005507	FALSE
Rv3492c	191	43	2,151164073	0,152002291	0,7929136	0,4278281	0,501144703	0,11371936	FALSE
Rv3493c	89	26	1,775293713	-0,223868069	-0,850791	0,3948857	0,466995288	0,1059702	FALSE
Rv3494c	375	99	1,921390165	-0,077771617	-0,59158	0,5541318	0,623714562	0,14148932	FALSE
Rv3495c	555	152	1,868416448	-0,130745334	-1,221126	0,2220382	0,286463378	0,06500404	FALSE
Rv3496c	399	91	2,132450296	0,133288514	1,0082578	0,3133307	0,384020006	0,08714152	FALSE
Rv3497c	232	57	2,025090981	0,025929199	0,1523653	0,8788988	0,902937438	0,20489385	FALSE
Rv3499c	347	63	2,461511929	0,462350147	3,0807263	0,002065	0,004270696	0,0009691	FALSE
Rv3504	75	10	2,906890596	0,907728814	2,6028906	0,0092441	0,016855713	0,00382489	FALSE
Rv3505	153	32	2,257387843	0,258226061	1,1836016	0,2365708	0,302442543	0,06863002	FALSE
Rv3506	29	5	2,5360529	0,536891118	1,0208428	0,3073289	0,377720575	0,08571205	FALSE
Rv3507	163	28	2,541373232	0,54221145	2,4420222	0,0146052	0,025398189	0,00576334	FALSE
Rv3511	48	16	1,584962501	-0,414199281	-1,19477	0,232177	0,297548713	0,06750855	FALSE
Rv3512	65	8	3,022367813	1,023206031	2,6773013	0,0074218	0,013833421	0,00313907	FALSE
Rv3513c	41	5	3,03562391	1,036462128	2,1489342	0,0316396	0,051152555	0,01160512	FALSE
Rv3514	294	87	1,756728849	-0,242432933	-1,680064	0,0929448	0,13315451	0,03021532	FALSE
Rv3515c	62	17	1,866733469	-0,132428313	-0,413454	0,6792743	0,736814625	0,16715256	FALSE
Rv3517	25	5	2,321928095	0,322766313	0,5913521	0,5542845	0,623619523	0,14148932	FALSE

Rv3522	49	7	2,807354922	0,80819314	1,905772	0,0566798	0,086210988	0,01956293	FALSE
Rv3525c	63	19	1,72935241	-0,269809372	-0,869595	0,384522	0,456518565	0,10359283	FALSE
Rv3526	555	114	2,283453947	0,284292165	2,4708984	0,0134774	0,023645421	0,0053656	FALSE
Rv3527	28	2	3,807354922	1,80819314	2,7103247	0,0067217	0,012684465	0,00287534	FALSE
Rv3529c	82	16	2,357552005	0,358390223	1,1818879	0,2372502	0,303212794	0,06880481	FALSE
Rv3530c	28	3	3,222392421	1,223230639	2,0291217	0,0424459	0,066735748	0,01513457	FALSE
Rv3532	143	37	1,950417971	-0,048743811	-0,227798	0,8198034	0,85514531	0,1940489	FALSE
Rv3534c	109	18	2,598259323	0,599097541	2,1847965	0,0289038	0,047125453	0,01069367	FALSE
Rv3535c	196	34	2,527247003	0,528085221	2,6144829	0,0089363	0,016362407	0,00371294	FALSE
Rv3537	59	22	1,423211431	-0,575950351	-1,894263	0,0581901	0,088202002	0,02001473	FALSE
Rv3538	41	7	2,550197083	0,551035301	1,2427442	0,2139621	0,277405163	0,06292787	FALSE
Rv3540c	126	23	2,453717967	0,454556186	1,8274826	0,0676272	0,100516985	0,02280006	FALSE
Rv3541c	46	15	1,61667136	-0,382490421	-1,074155	0,2827531	0,351347936	0,0797276	FALSE
Rv3542c	72	25	1,526068812	-0,47309297	-1,688507	0,091314	0,1311277	0,02974998	FALSE
Rv3543c	110	29	1,923378718	-0,075783063	-0,312077	0,7549821	0,801520706	0,18188044	FALSE
Rv3544c	156	33	2,2410081	0,241846318	1,1225215	0,2616408	0,328634119	0,07455359	FALSE
Rv3545c	229	39	2,553801569	0,554639787	2,9545225	0,0031315	0,006291781	0,00142773	FALSE
Rv3546	98	19	2,366782331	0,367620549	1,3232232	0,1857612	0,244580868	0,05549083	FALSE
Rv3547	223	47	2,246311048	0,247149266	1,3702924	0,1705957	0,228542552	0,05184624	FALSE
Rv3548c	222	56	1,987060944	-0,012100838	-0,070017	0,9441798	0,956794724	0,2171151	FALSE
Rv3550	56	17	1,719892081	-0,279269701	-0,849999	0,3953257	0,467375419	0,10605646	FALSE
Rv3552	32	3	3,415037499	1,415875717	2,4284156	0,015165	0,02627304	0,00596055	FALSE
Rv3553	58	9	2,688055994	0,688894212	1,8042782	0,0711877	0,105056805	0,02383495	FALSE
Rv3555c	32	12	1,415037499	-0,584124283	-1,416839	0,1565299	0,211422601	0,04797585	FALSE
Rv3559c	40	10	2	0,000838218	0,002054	0,9983611	1	0,22680161	FALSE
Rv3560c	54	5	3,432959407	1,433797625	3,1846414	0,0014493	0,003081497	0,00069925	FALSE
Rv3561	42	16	1,392317423	-0,606844359	-1,692987	0,0904579	0,129969312	0,02949253	FALSE
Rv3562	84	17	2,304854582	0,3056928	1,0296849	0,303158	0,373700568	0,08478659	FALSE
Rv3563	26	4	2,700439718	0,701277936	1,2270964	0,2197864	0,284022735	0,06441693	FALSE
Rv3564	43	17	1,338801913	-0,660359868	-1,881457	0,0599097	0,090495565	0,02053518	FALSE
Rv3565	52	8	2,700439718	0,701277936	1,7353866	0,0826724	0,120250699	0,02728216	FALSE
Rv3567c	82	13	2,657112286	0,657950505	2,0600052	0,039398	0,062278911	0,01413228	FALSE
Rv3568c	397	78	2,347592978	0,348431196	2,5328528	0,0113138	0,020200004	0,00458377	FALSE
Rv3573c	79	11	2,84434913	0,845187348	2,5144496	0,0119218	0,021175284	0,004804	FALSE
Rv3574	67	15	2,159198595	0,160036813	0,4937385	0,6214909	0,685160053	0,15545425	FALSE
Rv3575c	162	46	1,816288047	-0,182873735	-0,931041	0,3518324	0,425456694	0,0965295	FALSE
Rv3577	158	28	2,496425826	0,497264044	2,22221	0,0262691	0,04318691	0,00979994	FALSE

Rv3578	45	14	1,684498174	-0,314663608	-0,863805	0,3876952	0,459663259	0,10429075	FALSE
Rv3579c	787	229	1,781016037	-0,218145744	-2,46339	0,013763	0,024092929	0,00546715	FALSE
Rv3586	94	17	2,46712601	0,467964229	1,6212294	0,1049684	0,14899966	0,0338048	FALSE
Rv3589	110	18	2,611434712	0,61227293	2,2379486	0,0252244	0,04166041	0,00945355	FALSE
Rv3590c	92	14	2,716207034	0,717045252	2,3537597	0,0185846	0,031525908	0,00715383	FALSE
Rv3591c	25	4	2,64385619	0,644694408	1,1170794	0,2639604	0,33091538	0,07509106	FALSE
Rv3594	49	12	2,029747343	0,030585562	0,0825267	0,9342279	0,948659832	0,21526914	FALSE
Rv3595c	141	46	1,615989396	-0,383172386	-1,88424	0,0595325	0,089960263	0,02041371	FALSE
Rv3598c	939	261	1,847075351	-0,152086431	-1,854678	0,0636423	0,095511826	0,02166269	FALSE
Rv3599c	4	1	2	0,000838218	0,0006495	0,9994817	0,999862021	0,22680161	FALSE
Rv3600c	199	62	1,68242831	-0,316733472	-1,829197	0,0673701	0,100304827	0,02276109	FALSE
Rv3601c	198	42	2,237039197	0,237877415	1,2447504	0,2132235	0,276629467	0,06277254	FALSE
Rv3602c	98	36	1,444784843	-0,554376939	-2,341153	0,0192243	0,032499188	0,00737469	FALSE
Rv3603c	338	64	2,400879436	0,401717654	2,6696818	0,0075923	0,014124574	0,00320514	FALSE
Rv3605c	386	113	1,772278075	-0,226883707	-1,796799	0,0723675	0,106618331	0,0241712	FALSE
Rv3606c	168	28	2,584962501	0,585800719	2,658346	0,0078525	0,0145469	0,00330097	FALSE
Rv3612c	317	82	1,950787026	-0,048374756	-0,336593	0,7364238	0,78477583	0,17808071	FALSE
Rv3617	173	62	1,480431917	-0,518729865	-2,892706	0,0038194	0,007535608	0,00170997	FALSE
Rv3618	82	32	1,357552005	-0,641609777	-2,516242	0,0118614	0,021082143	0,00478394	FALSE
Rv3619c	101	15	2,751320887	0,752159105	2,5712851	0,0101322	0,01826387	0,00414442	FALSE
Rv3620c	91	11	3,048363022	1,04920124	3,2337233	0,0012219	0,002623346	0,00059529	FALSE
Rv3621c	20	2	3,321928095	1,322766313	1,8227509	0,0683411	0,101329842	0,02298505	FALSE
Rv3622c	2	1	1	-0,999161782	-0,65106	0,5150075	0,58645576	0,13305887	FALSE
Rv3623	112	36	1,637429921	-0,361731861	-1,579466	0,1142291	0,160213233	0,03635546	FALSE
Rv3625c	160	40	2	0,000838218	0,0041082	0,9967222	1	0,22680161	FALSE
Rv3626c	353	65	2,44115656	0,441994778	2,9809498	0,0028736	0,005811957	0,00131884	FALSE
Rv3627c	387	70	2,466906739	0,467744957	3,2883661	0,0010077	0,002201882	0,00049965	FALSE
Rv3629c	244	42	2,538419915	0,539258133	2,9730994	0,0029481	0,005956591	0,00135166	FALSE
Rv3630	211	35	2,591816172	0,59265439	3,0104973	0,0026082	0,00532165	0,00120758	FALSE
Rv3631	164	29	2,499571009	0,500409228	2,2770924	0,0227807	0,037862253	0,00859167	FALSE
Rv3633	666	131	2,345955366	0,346793584	3,2663216	0,0010895	0,002361079	0,00053577	FALSE
Rv3635	101	19	2,410283969	0,411122187	1,4910021	0,135961	0,186255649	0,04226498	FALSE
Rv3637	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3638	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3639c	5	3	0,736965594	-1,262196188	-1,361063	0,1734937	0,2317559	0,05258096	FALSE
Rv3640c	9	2	2,169925001	0,17076322	0,1927264	0,8471733	0,877083966	0,19894886	FALSE
Rv3641c	86	11	2,966833136	0,967671354	2,9406002	0,0032758	0,006558191	0,00148818	FALSE

Rv3643	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3644c	135	50	1,432959407	-0,566202375	-2,812197	0,0049204	0,009517496	0,0021597	FALSE	
Rv3648c	4931	1248	1,982262319	-0,016899463	-0,461859	0,6441826	0,705737832	0,16014547	FALSE	
Rv3649	91	31	1,55359833	-0,445563452	-1,779308	0,0751892	0,110199268	0,02500157	FALSE	
Rv3650	5	1	2,321928095	0,322766313	0,2644593	0,791426	0,831371461	0,18857881	FALSE	
Rv3652	20	7	1,514573173	-0,484588609	-0,913347	0,3610601	0,433228162	0,09830779	FALSE	
Rv3653	12	8	0,584962501	-1,414199281	-2,42554	0,0152856	0,026458845	0,0060027	FALSE	
Rv3654c	8	1	3	1,000838218	0,9222841	0,3563804	0,429901931	0,09741892	FALSE	
Rv3656c	13	3	2,115477217	0,116315436	0,1592695	0,8734565	0,89816518	0,20378437	FALSE	
Rv3657c	9	4	1,169925001	-0,82923678	-1,11297	0,2657215	0,33275298	0,0754721	FALSE	
Rv3659c	25	12	1,058893689	-0,940268093	-2,144193	0,0320174	0,051646862	0,01171966	FALSE	
Rv3662c	70	15	2,222392421	0,223230639	0,6962847	0,4862505	0,558710024	0,12676357	FALSE	
Rv3663c	91	27	1,752907138	-0,246254644	-0,950005	0,3421099	0,415227377	0,09420857	FALSE	
Rv3664c	82	22	1,898120386	-0,101041396	-0,360825	0,7182302	0,76891964	0,17448264	FALSE	
Rv3666c	105	26	2,0138058	0,014644018	0,0580018	0,9537472	0,96549766	0,21908997	FALSE	
Rv3668c	136	23	2,563900885	0,564739103	2,3142281	0,0206552	0,034584659	0,00784626	FALSE	
Rv3669	214	40	2,419538892	0,42037711	2,2156863	0,026713	0,043788885	0,00993654	FALSE	
Rv3670	73	8	3,189824559	1,190662777	3,2071972	0,0013404	0,0028629	0,00064947	FALSE	
Rv3671c	392	80	2,292781749	0,293619967	2,1411718	0,0322602	0,051932315	0,01178444	FALSE	
Rv3682	1215	344	1,820475844	-0,178685938	-2,490367	0,0127611	0,022458645	0,0050963	FALSE	
Rv3685c	387	89	2,120456325	0,121294543	0,9055044	0,3651982	0,436335016	0,0990128	FALSE	
Rv3687c	182	54	1,752907138	-0,246254644	-1,343548	0,1790946	0,237468241	0,05387705	FALSE	
Rv3688c	215	64	1,74819285	-0,250968932	-1,489469	0,1363639	0,186742718	0,04237551	FALSE	
Rv3689	431	83	2,376504628	0,377342846	2,8438055	0,0044578	0,008665186	0,0019663	FALSE	
Rv3690	111	22	2,334984248	0,335822466	1,2935587	0,1958179	0,256494774	0,05820359	FALSE	
Rv3691	216	39	2,469485283	0,470323501	2,4690327	0,0135479	0,023726841	0,00538408	FALSE	
Rv3692	244	64	1,930737338	-0,068424444	-0,419143	0,6751114	0,733105498	0,16632761	FALSE	
Rv3693	189	38	2,314314911	0,315153129	1,5897608	0,1118887	0,157546994	0,03575044	FALSE	
Rv3695	239	52	2,20042709	0,201265308	1,1644604	0,2442375	0,311436328	0,07067089	FALSE	
Rv3697A	51	7	2,86507042	0,865908638	2,0623932	0,0391703	0,062055718	0,01407623	FALSE	
Rv3697c	98	13	2,914270126	0,915108344	2,9957214	0,002738	0,005546241	0,00125855	FALSE	
Rv3698	80	21	1,929610672	-0,06955111	-0,243988	0,8072398	0,844721052	0,19168343	FALSE	
Rv3700c	64	29	1,142019005	-0,857142777	-3,082734	0,0020511	0,004246443	0,0009636	FALSE	
Rv3702c	147	45	1,707819249	-0,291342533	-1,439741	0,1499407	0,203358414	0,04614593	FALSE	
Rv3705A	74	12	2,624490865	0,625329083	1,8704536	0,0614208	0,092459478	0,02097283	FALSE	
Rv3706c	30	3	3,321928095	1,322766313	2,2324089	0,0255879	0,042181344	0,00956576	FALSE	
Rv3707c	98	37	1,405256478	-0,593905303	-2,525322	0,0115592	0,020600793	0,00467472	FALSE	

Rv3712	66	14	2,237039197	0,237877415	0,7186318	0,4723678	0,545220561	0,12372102	FALSE
Rv3714c	79	10	2,981852653	0,982690871	2,854686	0,0043079	0,008390377	0,001903	FALSE
Rv3716c	239	50	2,257010618	0,257848836	1,4772776	0,1396012	0,190646562	0,04326137	FALSE
Rv3717	250	74	1,756330919	-0,242830863	-1,551881	0,1206907	0,168318238	0,03819464	FALSE
Rv3718c	71	9	2,979822118	0,980660336	2,7016418	0,0068998	0,012980123	0,00294474	FALSE
Rv3721c	555	137	2,018311878	0,019150096	0,1742693	0,8616538	0,888460813	0,20159015	FALSE
Rv3724B	67	13	2,365649472	0,36648769	1,0909352	0,2753014	0,343115432	0,07784718	FALSE
Rv3726	637	196	1,700439718	-0,298722064	-3,077387	0,0020882	0,004312044	0,00097849	FALSE
Rv3727	73	8	3,189824559	1,190662777	3,2071972	0,0013404	0,0028629	0,00064947	FALSE
Rv3728	109	35	1,638901308	-0,360260474	-1,551434	0,1207977	0,168407957	0,03819582	FALSE
Rv3730c	113	20	2,498250868	0,499089086	1,8855788	0,0593517	0,089738633	0,02035952	FALSE
Rv3731	141	23	2,615989396	0,616827614	2,5506003	0,0107538	0,019278552	0,00437467	FALSE
Rv3738c	29	6	2,273018494	0,273856713	0,5449939	0,5857577	0,652606912	0,14804722	FALSE
Rv3739c	25	6	2,058893689	0,059731907	0,1145407	0,9088092	0,928466101	0,21065951	FALSE
Rv3741c	41	6	2,772589504	0,773427722	1,6783598	0,0932769	0,133533228	0,03030125	FALSE
Rv3742c	12	3	2	0,000838218	0,001125	0,9991024	1	0,22680161	FALSE
Rv3743c	39	17	1,197939378	-0,801222404	-2,227745	0,0258975	0,042611499	0,00966937	FALSE
Rv3744	84	33	1,347923303	-0,651238478	-2,589281	0,0096177	0,017464117	0,00396294	FALSE
Rv3745c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3746c	50	23	1,120294234	-0,878867548	-2,804361	0,0050416	0,009723328	0,00220641	FALSE
Rv3751	9	0	4,169925001	2,17076322	1,7323823	0,0832055	0,12075899	0,02738742	FALSE
Rv3752c	37	19	0,961525852	-1,03763593	-2,927643	0,0034154	0,006817016	0,00154691	FALSE
Rv3753c	235	59	1,993873897	-0,005287885	-0,031443	0,9749165	0,983142627	0,22309395	FALSE
Rv3754	88	11	3	1,000838218	3,0589201	0,0022214	0,004574966	0,00103812	FALSE
Rv3756c	244	83	1,555697906	-0,443463876	-2,898935	0,0037443	0,007406032	0,00168057	FALSE
Rv3757c	153	54	1,502500341	-0,496661441	-2,59467	0,0094682	0,017208531	0,00390495	FALSE
Rv3758c	161	55	1,549557165	-0,449604617	-2,389896	0,0168531	0,028737025	0,00652098	FALSE
Rv3760	30	3	3,321928095	1,322766313	2,2324089	0,0255879	0,042181344	0,00956576	FALSE
Rv3764c	138	34	2,021061616	0,021899834	0,0993173	0,9208863	0,938737559	0,21301758	FALSE
Rv3766	116	21	2,465663572	0,46650179	1,7958192	0,0725233	0,106668586	0,02420064	FALSE
Rv3768	84	10	3,070389328	1,071227546	3,1599952	0,0015777	0,003335576	0,0007567	FALSE
Rv3769	291	50	2,541019153	0,541857371	3,261058	0,00111	0,002402708	0,00054522	FALSE
Rv3770A	3	2	0,584962501	-1,414199281	-1,212765	0,2252197	0,289715063	0,06572048	FALSE
Rv3770B	84	36	1,222392421	-0,776769361	-3,156305	0,0015978	0,003371748	0,00076501	FALSE
Rv3770c	49	10	2,292781749	0,293619967	0,756951	0,4490792	0,522776988	0,11862814	FALSE
Rv3772	87	17	2,355480655	0,356318873	1,210788	0,2259767	0,290499331	0,06591988	FALSE
Rv3774	1170	277	2,078550648	0,079388867	1,0382359	0,2991602	0,369292008	0,08379945	FALSE

Rv3775	296	71	2,059706246	0,060544464	0,3994623	0,6895526	0,744686565	0,16898369	FALSE
Rv3776	51	10	2,350497247	0,351335465	0,9148456	0,3602727	0,432546567	0,09815312	FALSE
Rv3777	181	32	2,499845887	0,500684105	2,3934128	0,0166925	0,028487678	0,0064644	FALSE
Rv3785	194	34	2,512450001	0,513288219	2,5347165	0,0112538	0,02010196	0,00456152	FALSE
Rv3786c	117	21	2,478047297	0,478885515	1,8474514	0,0646818	0,096777249	0,02196062	FALSE
Rv3787c	38	4	3,247927513	1,248765732	2,4025508	0,0162812	0,027888359	0,00632703	FALSE
Rv3788	103	15	2,779609932	0,78044815	2,6811038	0,007338	0,013703111	0,0031095	FALSE
Rv3792	246	63	1,965234582	-0,0339272	-0,207432	0,8356725	0,868025389	0,19697163	FALSE
Rv3793	334	94	1,829115441	-0,170046341	-1,240389	0,2148316	0,278075487	0,06310067	FALSE
Rv3794	1057	273	1,95300252	-0,046159261	-0,586382	0,5576192	0,626924175	0,14226114	FALSE
Rv3797	89	15	2,568842835	0,569681053	1,8868564	0,0591796	0,089529918	0,02031606	FALSE
Rv3798	196	35	2,485426827	0,486265045	2,4249479	0,0153106	0,02647301	0,00600723	FALSE
Rv3802c	590	119	2,309753381	0,310591599	2,7706607	0,0055943	0,010726201	0,00243398	FALSE
Rv3803c	1158	261	2,149513541	0,15035176	1,9322394	0,05333	0,081587811	0,01851384	FALSE
Rv3804c	6895	1823	1,91923599	-0,079925792	-2,612963	0,0089761	0,01642773	0,00372777	FALSE
Rv3807c	570	179	1,671002332	-0,32815945	-3,214211	0,001308	0,00280222	0,00063588	FALSE
Rv3814c	314	84	1,902303326	-0,096858456	-0,676407	0,4987823	0,571527478	0,12969056	FALSE
Rv3815c	286	65	2,137503524	0,138341742	0,8851866	0,376056	0,4478155	0,10161794	FALSE
Rv3816c	275	63	2,126007885	0,126846103	0,7974546	0,425187	0,498495151	0,11311813	FALSE
Rv3817	51	23	1,148863386	-0,850298396	-2,726667	0,0063978	0,012113671	0,00274882	FALSE
Rv3821	288	68	2,08246216	0,083300378	0,539989	0,5892046	0,655891304	0,14883046	FALSE
Rv3823c	1811	512	1,822570831	-0,176590951	-3,004236	0,0026625	0,005404443	0,00122637	FALSE
Rv3824c	778	225	1,789845154	-0,209316628	-2,346532	0,018949	0,03210264	0,00728471	FALSE
Rv3828c	316	62	2,349584438	0,350422656	2,2718231	0,0230972	0,03827536	0,00868541	FALSE
Rv3829c	94	15	2,647698256	0,648536474	2,1775904	0,0294365	0,047826044	0,01085041	FALSE
Rv3830c	24	4	2,584962501	0,585800719	1,0047263	0,3150286	0,385861172	0,08753213	FALSE
Rv3831	23	4	2,523561956	0,524400174	0,8898971	0,3735211	0,445200153	0,10102447	FALSE
Rv3832c	8	2	2	0,000838218	0,0009186	0,9992671	1	0,22680161	FALSE
Rv3833	28	9	1,637429921	-0,361731861	-0,789712	0,4296962	0,503034126	0,11414811	FALSE
Rv3838c	90	36	1,321928095	-0,677233687	-2,799733	0,0051145	0,009854189	0,00223607	FALSE
Rv3839	17	7	1,280107919	-0,719053863	-1,301303	0,1931547	0,253258651	0,05746925	FALSE
Rv3840	5	2	1,321928095	-0,677233687	-0,659883	0,5093289	0,580911835	0,13174386	FALSE
Rv3843c	769	165	2,220517574	0,221355792	2,289603	0,0220443	0,03674678	0,00833855	FALSE
Rv3844	24	5	2,263034406	0,263872624	0,4785419	0,6322645	0,694997572	0,15766436	FALSE
Rv3845	5	3	0,736965594	-1,262196188	-1,361063	0,1734937	0,2317559	0,05258096	FALSE
Rv3846	362	77	2,233059346	0,233897565	1,6561318	0,0976951	0,139251741	0,03159889	FALSE
Rv3847	528	123	2,101879614	0,102717832	0,8986115	0,3688596	0,440309442	0,09991467	FALSE

Rv3850	202	37	2,448758117	0,449596335	2,2906582	0,0219832	0,036660343	0,00831894	FALSE
Rv3851	40	5	3	1,000838218	2,0623033	0,0391789	0,062031894	0,01407623	FALSE
Rv3852	219	46	2,251225104	0,252063322	1,3837667	0,1664299	0,223721731	0,05076676	FALSE
Rv3857c	54	7	2,94753258	0,948370798	2,2913087	0,0219456	0,036613072	0,00830821	FALSE
Rv3858c	1517	417	1,863101797	-0,136059985	-2,103475	0,0354242	0,056586943	0,01284066	FALSE
Rv3861	4	1	2	0,000838218	0,0006495	0,9994817	0,999862021	0,22680161	FALSE
Rv3862c	86	16	2,426264755	0,427102973	1,4253585	0,1540536	0,208399041	0,04728164	FALSE
Rv3864	874	188	2,216900618	0,217738836	2,4026042	0,0162788	0,027902463	0,00632703	FALSE
Rv3866	589	161	1,871206946	-0,127954836	-1,230543	0,218494	0,282630469	0,06411388	FALSE
Rv3867	376	102	1,88216351	-0,116998272	-0,897228	0,369597	0,44105615	0,10008411	FALSE
Rv3873	1130	245	2,205469118	0,206307336	2,5937914	0,0094924	0,017244609	0,00391313	FALSE
Rv3877	1088	236	2,204819792	0,20565801	2,5373784	0,0111686	0,019976881	0,00453314	FALSE
Rv3880c	259	71	1,867061168	-0,132100614	-0,842958	0,399252	0,471169888	0,1069175	FALSE
Rv3881c	2117	596	1,828637034	-0,170524748	-3,133559	0,001727	0,003626885	0,00082301	FALSE
Rv3882c	881	242	1,864134972	-0,13502681	-1,590234	0,1117821	0,157453122	0,03572914	FALSE
Rv3883c	351	95	1,885471612	-0,11369017	-0,841887	0,3998511	0,4717358	0,10704591	FALSE
Rv3886c	203	55	1,883976204	-0,115185578	-0,648809	0,5164619	0,587518197	0,13331916	FALSE
Rv3889c	118	34	1,795180208	-0,203981574	-0,889559	0,3737029	0,445282204	0,10104309	FALSE
Rv3892c	36	18	1	-0,999161782	-2,762254	0,0057404	0,010963721	0,00248788	FALSE
Rv3894c	1245	364	1,774135387	-0,225026395	-3,200348	0,0013726	0,002926273	0,00066403	FALSE
Rv3895c	221	56	1,980547637	-0,018614145	-0,107583	0,9143265	0,933498235	0,21182868	FALSE
Rv3896c	180	38	2,243925583	0,244763801	1,2197183	0,2225717	0,286963968	0,06511764	FALSE
Rv3899c	109	16	2,768184325	0,769022543	2,7231011	0,0064672	0,01223345	0,002776	FALSE
Rv3901c	50	5	3,321928095	1,322766313	2,882038	0,0039511	0,007768304	0,00176278	FALSE
Rv3903c	320	69	2,213403638	0,214241856	1,4310964	0,1524026	0,20634255	0,04682309	FALSE
Rv3904c	83	30	1,468148836	-0,531012946	-2,055394	0,039841	0,062878281	0,01426829	FALSE
Rv3908	242	73	1,729038678	-0,270123103	-1,706503	0,0879144	0,126776738	0,02876247	FALSE
Rv3910	1128	253	2,156557778	0,157395996	1,9939412	0,0461585	0,072013073	0,01634115	FALSE
Rv3911	39	10	1,963474124	-0,035687658	-0,086899	0,9307515	0,94573846	0,21457858	FALSE
Rv3912	31	9	1,784271309	-0,214890473	-0,481227	0,6303551	0,69347858	0,15736361	FALSE
Rv3913	345	86	2,004187797	0,005026015	0,0361471	0,971165	0,980362148	0,222463	FALSE
Rv3914	79	27	1,548893246	-0,450268536	-1,676712	0,0935988	0,133945452	0,0303948	FALSE
Rv3918c	461	91	2,3408283	0,341666518	2,6795808	0,0073714	0,013759094	0,0031222	FALSE
Rv3919c	1099	234	2,231610951	0,232449169	2,8690351	0,0041173	0,008054799	0,00182779	FALSE

(1) Benjamini Y & Hochberg Y. "Controlling the false discovery rate: a practical and powerful approach to multiple testing". J. R. Stat. Soc. Ser. B 1995;57:289-300

(2) Storey JD & Tibshirani R. "Statistical significance for genomewide studies" Proc Natl Acad Sci U S A. 2003; 100(16):9440-5.

Convention Description**DS (reads)** Read count mapping to sense strand of gene - Dextrose stationary**FS (reads)** Read count mapping to sense strand of gene - Fatty Acids stationary

Upper part: TRUE significant

Lower part: FALSE significant

Table 1D. DEGseq Test in Stationary Phase of Growth

Gene Names	DS (reads)	FS (reads)	log2			p-value	q-value (1)	q-value (2)	Signature (p-value < 0,001)
			log2 (Fold_change)	normalized	z-score				
Rv0001	98	4	4,614709844	4,124570404	9,060223635	1,30E-19	9,38E-19	2,29E-19	TRUE
Rv0003	95	151	-0,668549131	-1,158688571	-6,260832812	3,83E-10	1,66E-09	4,06E-10	TRUE
Rv0005	235	363	-0,627308791	-1,117448231	-9,430835746	4,07E-21	3,12E-20	7,63E-21	TRUE
Rv0006	203	463	-1,189532466	-1,679671906	-14,52380297	8,56E-48	1,42E-46	3,46E-47	TRUE
Rv0007	60	91	-0,600904045	-1,091043485	-4,630275159	3,65E-06	1,12E-05	2,73E-06	TRUE
Rv0009	10	171	-4,09592442	-4,58606386	-14,55924725	5,10E-48	8,55E-47	2,09E-47	TRUE
Rv0014c	56	8	2,807354922	2,317215482	5,262902322	1,42E-07	5,02E-07	1,23E-07	TRUE
Rv0015c	55	86	-0,644905041	-1,135044481	-4,647207953	3,36E-06	1,04E-05	2,53E-06	TRUE
Rv0016c	75	15	2,321928095	1,831788655	5,23732184	1,63E-07	5,74E-07	1,40E-07	TRUE
Rv0017c	28	132	-2,237039197	-2,727178637	-10,49799595	8,82E-26	8,03E-25	1,96E-25	TRUE
Rv0019c	82	199	-1,279072616	-1,769212056	-9,872814559	5,46E-23	4,57E-22	1,12E-22	TRUE
Rv0021c	44	6	2,874469118	2,384329678	4,74464949	2,09E-06	6,60E-06	1,61E-06	TRUE
Rv0023	52	9	2,530514717	2,040375277	4,685016681	2,80E-06	8,71E-06	2,13E-06	TRUE
Rv0024	31	0	5,95419631	5,46405687	5,352154412	8,69E-08	3,13E-07	7,64E-08	TRUE
Rv0026	41	123	-1,584962501	-2,075101941	-8,633298829	5,96E-18	3,97E-17	9,71E-18	TRUE
Rv0028	36	3	3,584962501	3,094823061	4,925219514	8,43E-07	2,78E-06	6,78E-07	TRUE
Rv0029	37	177	-2,258152184	-2,748291624	-12,20609567	2,88E-34	3,29E-33	8,05E-34	TRUE
Rv0030	68	10	2,765534746	2,275395306	5,736222696	9,68E-09	3,78E-08	9,23E-09	TRUE
Rv0035	1	11	-3,459431619	-3,949571059	-3,550816934	0,000384	0,0009136	0,00022317	TRUE
Rv0038	84	24	1,807354922	1,317215482	4,357436673	1,32E-05	3,75E-05	9,15E-06	TRUE
Rv0039c	9	28	-1,637429921	-2,127569361	-4,184759638	2,85E-05	7,81E-05	1,91E-05	TRUE
Rv0041	95	134	-0,496233582	-0,986373022	-5,172910328	2,30E-07	8,01E-07	1,96E-07	TRUE
Rv0043c	45	77	-0,774933444	-1,265072884	-4,791816571	1,65E-06	5,30E-06	1,29E-06	TRUE
Rv0045c	124	12	3,36923381	2,87909437	8,827851039	1,07E-18	7,43E-18	1,81E-18	TRUE

Rv0047c	458	238	0,944386025	0,454246585	4,076158686	4,58E-05	0,00012246	2,99E-05	TRUE
Rv0048c	8	58	-2,857980995	-3,348120435	-7,671320803	1,70E-14	9,47E-14	2,31E-14	TRUE
Rv0049	77	19	2,018859027	1,528719587	4,667529883	3,05E-06	9,42E-06	2,30E-06	TRUE
Rv0058	33	185	-2,486987341	-2,977126781	-12,9923441	1,35E-38	1,78E-37	4,34E-38	TRUE
Rv0064	748	661	0,178387998	-0,311751442	-4,084375252	4,42E-05	0,00011845	2,89E-05	TRUE
Rv0067c	17	1	4,087462841	3,597323401	3,605971653	0,000311	0,00074802	0,00018273	TRUE
Rv0070c	52	5	3,378511623	2,888372183	5,725761782	1,03E-08	4,01E-08	9,81E-09	TRUE
Rv0072	27	56	-1,05246742	-1,54260686	-4,748885836	2,05E-06	6,48E-06	1,58E-06	TRUE
Rv0073	22	191	-3,117997209	-3,608136649	-14,34197267	1,20E-46	1,95E-45	4,78E-46	TRUE
Rv0075	65	83	-0,352671618	-0,842811058	-3,56610757	0,000362	0,00086642	0,00021172	TRUE
Rv0076c	205	3	6,094517599	5,604378159	13,77804089	3,46E-43	5,19E-42	1,27E-42	TRUE
Rv0077c	708	78	3,182203331	2,692063891	20,37825643	2,61E-92	8,35E-91	2,04E-91	TRUE
Rv0078	92	5	4,201633861	3,711494421	8,485507076	2,15E-17	1,38E-16	3,38E-17	TRUE
Rv0078A	154	170	-0,142604395	-0,632743835	-3,974040258	7,07E-05	0,00018445	4,51E-05	TRUE
Rv0079	88	356	-2,016301812	-2,506441252	-16,46495188	6,55E-61	1,33E-59	3,26E-60	TRUE
Rv0080	8	133	-4,055282436	-4,545421876	-12,81607075	1,33E-37	1,73E-36	4,22E-37	TRUE
Rv0087	25	72	-1,526068812	-2,016208252	-6,483415635	8,97E-11	4,05E-10	9,89E-11	TRUE
Rv0092	34	72	-1,08246216	-1,5726016	-5,461042459	4,73E-08	1,74E-07	4,25E-08	TRUE
Rv0095c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv0097	5	62	-3,632268215	-4,122407656	-8,539430504	1,35E-17	8,74E-17	2,13E-17	TRUE
Rv0099	48	115	-1,26052755	-1,75066699	-7,449979893	9,34E-14	4,98E-13	1,22E-13	TRUE
Rv0100	7	33	-2,237039197	-2,727178637	-5,248713752	1,53E-07	5,41E-07	1,32E-07	TRUE
Rv0101	62	235	-1,922320636	-2,412460076	-13,08626621	3,95E-39	5,29E-38	1,29E-38	TRUE
Rv0102	61	150	-1,298081353	-1,788220793	-8,634838506	5,88E-18	3,93E-17	9,59E-18	TRUE
Rv0103c	91	259	-1,509013647	-1,999153088	-12,23035317	2,14E-34	2,45E-33	5,99E-34	TRUE
Rv0106	17	212	-3,640457613	-4,130597053	-15,80041368	3,09E-56	5,83E-55	1,42E-55	TRUE
Rv0108c	51	8	2,672425342	2,182285902	4,841897303	1,29E-06	4,18E-06	1,02E-06	TRUE
Rv0110	22	2	3,459431619	2,969292179	3,775269792	0,00016	0,00040113	9,79E-05	TRUE
Rv0116c	71	200	-1,49410907	-1,98424851	-10,69444081	1,08E-26	1,03E-25	2,51E-26	TRUE
Rv0118c	5	25	-2,321928095	-2,812067535	-4,641811333	3,45E-06	1,06E-05	2,59E-06	TRUE
Rv0120c	72	357	-2,309855263	-2,799994703	-17,50525955	1,31E-68	3,02E-67	7,38E-68	TRUE
Rv0125	145	30	2,273018494	1,782879054	7,148364385	8,78E-13	4,42E-12	1,08E-12	TRUE
Rv0126	126	152	-0,27064759	-0,76078703	-4,418923511	9,92E-06	2,87E-05	7,01E-06	TRUE
Rv0127	93	24	1,95419631	1,46405687	4,968031367	6,76E-07	2,25E-06	5,50E-07	TRUE
Rv0134	163	74	1,139274789	0,649135349	3,358730872	0,000783	0,00175829	0,00042965	TRUE
Rv0135c	272	81	1,747612838	1,257473398	7,564275155	3,90E-14	2,12E-13	5,17E-14	TRUE
Rv0136	2709	98	4,788834834	4,298695394	48,1991963	0	0	0	TRUE

Rv0138	214	74	1,532013621	1,041874181	5,770587436	7,90E-09	3,10E-08	7,58E-09	TRUE
Rv0139	150	27	2,473931188	1,983791748	7,813059407	5,58E-15	3,22E-14	7,87E-15	TRUE
Rv0141c	67	10	2,744161096	2,254021656	5,661331725	1,50E-08	5,73E-08	1,40E-08	TRUE
Rv0142	109	13	3,067744607	2,577605167	7,807405548	5,84E-15	3,36E-14	8,20E-15	TRUE
Rv0143c	47	93	-0,984569959	-1,474709399	-5,91989791	3,22E-09	1,31E-08	3,20E-09	TRUE
Rv0144	85	200	-1,234465254	-1,724604694	-9,722937958	2,41E-22	1,95E-21	4,76E-22	TRUE
Rv0146	78	111	-0,509013647	-0,999153088	-4,758421299	1,95E-06	6,19E-06	1,51E-06	TRUE
Rv0149	167	65	1,361336479	0,871197039	4,390419862	1,13E-05	3,25E-05	7,94E-06	TRUE
Rv0155	39	6	2,700439718	2,210300278	4,267677572	1,98E-05	5,51E-05	1,35E-05	TRUE
Rv0160c	4	23	-2,523561956	-3,013701396	-4,607661767	4,07E-06	1,24E-05	3,02E-06	TRUE
Rv0164	10	25	-1,321928095	-1,812067535	-3,557099429	0,000375	0,00089558	0,00021884	TRUE
Rv0165c	44	9	2,289506617	1,799367177	3,962619043	7,41E-05	0,00019254	4,70E-05	TRUE
Rv0166	47	13	1,854149134	1,364009693	3,347873009	0,000814	0,00182236	0,0004453	TRUE
Rv0170	44	124	-1,494764692	-1,984904132	-8,422183347	3,70E-17	2,35E-16	5,74E-17	TRUE
Rv0171	42	59	-0,490325627	-0,980465067	-3,415164226	0,000637	0,00145439	0,00035528	TRUE
Rv0172	66	16	2,044394119	1,554254679	4,374046456	1,22E-05	3,49E-05	8,52E-06	TRUE
Rv0173	32	117	-1,87036472	-2,36050416	-9,115883304	7,80E-20	5,66E-19	1,38E-19	TRUE
Rv0174	83	196	-1,239670413	-1,729809853	-9,645531503	5,13E-22	4,06E-21	9,92E-22	TRUE
Rv0175	93	144	-0,63076619	-1,12090563	-5,953448053	2,63E-09	1,07E-08	2,62E-09	TRUE
Rv0181c	60	118	-0,975752454	-1,465891894	-6,638685954	3,16E-11	1,46E-10	3,58E-11	TRUE
Rv0185	33	94	-1,510194732	-2,000334172	-7,370045964	1,71E-13	8,95E-13	2,19E-13	TRUE
Rv0186	57	303	-2,410283969	-2,900423409	-16,41674405	1,45E-60	2,94E-59	7,18E-60	TRUE
Rv0186A	3725	115	5,017534659	4,527395219	57,22301116	0	0	0	TRUE
Rv0190	152	45	1,756074417	1,265934977	5,683901586	1,32E-08	5,06E-08	1,24E-08	TRUE
Rv0194	85	7	3,602036014	3,111896574	7,587443057	3,26E-14	1,78E-13	4,36E-14	TRUE
Rv0195	138	3	5,523561956	5,033422516	11,20862747	3,70E-29	3,80E-28	9,29E-29	TRUE
Rv0197	44	4	3,459431619	2,969292179	5,339079798	9,34E-08	3,35E-07	8,19E-08	TRUE
Rv0198c	156	182	-0,222392421	-0,712531861	-4,566870214	4,95E-06	1,49E-05	3,63E-06	TRUE
Rv0206c	221	308	-0,478883981	-0,969023421	-7,729173957	1,08E-14	6,11E-14	1,49E-14	TRUE
Rv0207c	71	250	-1,816037165	-2,306176605	-13,1428436	1,87E-39	2,54E-38	6,20E-39	TRUE
Rv0208c	47	102	-1,11783649	-1,60797593	-6,605690632	3,96E-11	1,82E-10	4,44E-11	TRUE
Rv0211	476	2226	-2,225420114	-2,715559554	-43,062807	0	0	0	TRUE
Rv0212c	94	21	2,162271429	1,672131989	5,502483203	3,74E-08	1,38E-07	3,38E-08	TRUE
Rv0214	195	205	-0,072149786	-0,562289226	-3,925893232	8,64E-05	0,00022331	5,46E-05	TRUE
Rv0215c	34	6	2,502500341	2,0123609	3,754475262	0,000174	0,00043371	0,00010591	TRUE
Rv0217c	9	26	-1,530514717	-2,020654157	-3,901506284	9,56E-05	0,00024584	6,01E-05	TRUE
Rv0218	17	36	-1,08246216	-1,5726016	-3,861426708	0,000113	0,00028715	7,02E-05	TRUE

Rv0223c	252	94	1,422691072	0,932551632	5,712324123	1,11E-08	4,32E-08	1,05E-08	TRUE
Rv0227c	17	110	-2,693896872	-3,184036312	-10,33687311	4,80E-25	4,28E-24	1,05E-24	TRUE
Rv0229c	32	5	2,678071905	2,187932465	3,841482865	0,000122	0,00031111	7,60E-05	TRUE
Rv0230c	19	38	-1	-1,49013944	-3,813322495	0,000137	0,0003461	8,45E-05	TRUE
Rv0232	335	5	6,06608919	5,57594975	17,610518	2,05E-69	4,78E-68	1,17E-68	TRUE
Rv0233	880	26	5,080919995	4,590780555	27,87770572	4,97E-171	3,96E-169	9,68E-170	TRUE
Rv0235c	89	10	3,153805336	2,663665896	7,182425114	6,85E-13	3,48E-12	8,50E-13	TRUE
Rv0236c	74	17	2,121990524	1,631851084	4,797858614	1,60E-06	5,15E-06	1,26E-06	TRUE
Rv0238	64	16	2	1,50986056	4,216545609	2,48E-05	6,86E-05	1,68E-05	TRUE
Rv0239	81	14	2,532495081	2,042355641	5,851004997	4,89E-09	1,96E-08	4,78E-09	TRUE
Rv0240	37	8	2,209453366	1,719313926	3,520589993	0,000431	0,00101353	0,00024766	TRUE
Rv0241c	55	13	2,080919995	1,590780555	4,060963102	4,89E-05	0,00013031	3,18E-05	TRUE
Rv0243	144	242	-0,748938236	-1,239077676	-8,359258572	6,31E-17	3,96E-16	9,68E-17	TRUE
Rv0244c	369	185	0,996095546	0,505956106	4,038551446	5,38E-05	0,00014239	3,48E-05	TRUE
Rv0246	32	122	-1,930737338	-2,420876778	-9,447367963	3,47E-21	2,68E-20	6,54E-21	TRUE
Rv0247c	327	30	3,44625623	2,95611679	14,52507535	8,40E-48	1,40E-46	3,41E-47	TRUE
Rv0248c	1519	120	3,662015559	3,171876119	32,37052434	7,14E-230	8,71E-228	2,13E-228	TRUE
Rv0249c	1756	62	4,823880819	4,333741379	38,87682066	0	0	0	TRUE
Rv0250c	701	20	5,131342539	4,641203099	24,93487058	3,12E-137	1,64E-135	4,02E-136	TRUE
Rv0251c	3125	185	4,078259014	3,588119574	48,8869892	0	0	0	TRUE
Rv0252	51	10	2,350497247	1,860357807	4,364446164	1,27E-05	3,63E-05	8,88E-06	TRUE
Rv0253	20	40	-1	-1,49013944	-3,912392901	9,14E-05	0,00023555	5,76E-05	TRUE
Rv0258c	24	66	-1,459431619	-1,949571059	-6,07193143	1,26E-09	5,26E-09	1,28E-09	TRUE
Rv0260c	21	108	-2,362570079	-2,852709519	-9,718994678	2,50E-22	2,02E-21	4,93E-22	TRUE
Rv0263c	64	7	3,192645078	2,702505638	6,137980394	8,36E-10	3,54E-09	8,64E-10	TRUE
Rv0266c	142	160	-0,172180975	-0,662320415	-4,014915795	5,95E-05	0,00015659	3,83E-05	TRUE
Rv0268c	127	33	1,944290567	1,454151127	5,776314318	7,64E-09	3,01E-08	7,35E-09	TRUE
Rv0269c	61	12	2,345774837	1,855635397	4,764999295	1,89E-06	6,01E-06	1,47E-06	TRUE
Rv0273c	95	10	3,247927513	2,757788073	7,55850936	4,08E-14	2,21E-13	5,39E-14	TRUE
Rv0275c	521	109	2,256955238	1,766815797	13,46817436	2,41E-41	3,47E-40	8,48E-41	TRUE
Rv0276	772	364	1,084662397	0,594522957	6,761613208	1,36E-11	6,45E-11	1,58E-11	TRUE
Rv0280	148	663	-2,163411694	-2,653551135	-23,19323604	5,33E-119	2,36E-117	5,78E-118	TRUE
Rv0281	140	352	-1,330148602	-1,820288042	-13,39216447	6,72E-41	9,54E-40	2,33E-40	TRUE
Rv0282	583	1081	-0,890798735	-1,380938175	-19,22587272	2,25E-82	6,46E-81	1,58E-81	TRUE
Rv0283	75	108	-0,526068812	-1,016208252	-4,759692106	1,94E-06	6,16E-06	1,51E-06	TRUE
Rv0284	245	648	-1,403212064	-1,893351504	-18,66597043	9,37E-78	2,44E-76	5,96E-77	TRUE
Rv0285	2	16	-3	-3,49013944	-4,097902859	4,17E-05	0,00011197	2,74E-05	TRUE

Rv0286	52	135	-1,376375879	-1,866515319	-8,435047243	3,31E-17	2,12E-16	5,18E-17	TRUE
Rv0287	24	152	-2,662965013	-3,153104453	-12,0979472	1,08E-33	1,21E-32	2,96E-33	TRUE
Rv0288	27	82	-1,602664502	-2,092803942	-7,087216261	1,37E-12	6,82E-12	1,67E-12	TRUE
Rv0289	282	680	-1,269839584	-1,759979024	-18,19078403	6,11E-74	1,55E-72	3,78E-73	TRUE
Rv0290	40	211	-2,399171094	-2,889310534	-13,67274409	1,48E-42	2,18E-41	5,34E-42	TRUE
Rv0291	17	94	-2,46712601	-2,95726545	-9,23067773	2,69E-20	1,99E-19	4,86E-20	TRUE
Rv0293c	101	489	-2,275479172	-2,765618612	-20,35836787	3,91E-92	1,24E-90	3,04E-91	TRUE
Rv0296c	14	0	4,807354922	4,317215482	3,466634614	0,000527	0,00122282	0,0002988	TRUE
Rv0297	103	149	-0,532667993	-1,022807433	-5,620722129	1,90E-08	7,22E-08	1,77E-08	TRUE
Rv0298	203	50	2,021479727	1,531340287	7,58872213	3,23E-14	1,77E-13	4,32E-14	TRUE
Rv0300	116	19	2,610053482	2,119914042	7,170902711	7,45E-13	3,77E-12	9,22E-13	TRUE
Rv0302	646	6	6,750427854	6,260288414	24,38657796	2,37E-131	1,20E-129	2,94E-130	TRUE
Rv0303	265	61	2,119111212	1,628971772	9,068835694	1,20E-19	8,68E-19	2,12E-19	TRUE
Rv0304c	40	10	2	1,50986056	3,333424491	0,000858	0,00191366	0,00046748	TRUE
Rv0305c	74	15	2,30256277	1,81242333	5,164592259	2,41E-07	8,36E-07	2,04E-07	TRUE
Rv0308	64	319	-2,317412614	-2,807552054	-16,57000543	1,15E-61	2,38E-60	5,83E-61	TRUE
Rv0309	119	153	-0,362570079	-0,852709519	-4,890562087	1,01E-06	3,29E-06	8,04E-07	TRUE
Rv0312	31	169	-2,446683126	-2,936822566	-12,33546735	5,83E-35	6,78E-34	1,66E-34	TRUE
Rv0313	600	687	-0,195347598	-0,685487038	-8,58096381	9,41E-18	6,15E-17	1,50E-17	TRUE
Rv0319	29	5	2,5360529	2,04591346	3,50480564	0,000457	0,00107008	0,00026124	TRUE
Rv0321	2	77	-5,266786541	-5,756925981	-10,01165083	1,35E-23	1,16E-22	2,84E-23	TRUE
Rv0323c	78	5	3,963474124	3,473334684	7,619938014	2,54E-14	1,39E-13	3,41E-14	TRUE
Rv0324	127	4	4,988684687	4,498545247	10,54333762	5,45E-26	5,03E-25	1,23E-25	TRUE
Rv0325	59	2	4,882643049	4,392503609	7,146883451	8,88E-13	4,46E-12	1,09E-12	TRUE
Rv0327c	165	1	7,366322214	6,876182774	12,1661591	4,71E-34	5,33E-33	1,30E-33	TRUE
Rv0328	72	2	5,169925001	4,679785561	8,002970824	1,21E-15	7,16E-15	1,75E-15	TRUE
Rv0330c	64	1	6	5,50986056	7,693397928	1,43E-14	8,02E-14	1,96E-14	TRUE
Rv0331	409	10	5,354028938	4,863889498	19,203305	3,47E-82	9,83E-81	2,40E-81	TRUE
Rv0332	170	3	5,824428435	5,334288995	12,51437603	6,23E-36	7,39E-35	1,81E-35	TRUE
Rv0333	70	17	2,041820176	1,551680736	4,49920072	6,82E-06	2,00E-05	4,90E-06	TRUE
Rv0334	118	8	3,882643049	3,392503609	9,283412139	1,64E-20	1,23E-19	3,01E-20	TRUE
Rv0338c	274	81	1,75818208	1,26804264	7,641842194	2,14E-14	1,18E-13	2,89E-14	TRUE
Rv0339c	22	2	3,459431619	2,969292179	3,775269792	0,00016	0,00040113	9,79E-05	TRUE
Rv0340	92	145	-0,656347134	-1,146486574	-6,083394382	1,18E-09	4,90E-09	1,20E-09	TRUE
Rv0341	72	495	-2,781359714	-3,271499154	-22,19509901	3,83E-109	1,45E-107	3,55E-108	TRUE
Rv0342	247	310	-0,327757174	-0,817896614	-6,718685202	1,83E-11	8,64E-11	2,11E-11	TRUE
Rv0347	191	214	-0,164038158	-0,654177598	-4,592934069	4,37E-06	1,32E-05	3,23E-06	TRUE

Rv0348	86	7	3,618909833	3,128770393	7,650924894	2,00E-14	1,11E-13	2,70E-14	TRUE
Rv0349	57	6	3,247927513	2,757788073	5,854710454	4,78E-09	1,92E-08	4,68E-09	TRUE
Rv0350	11315	1071	3,401206199	2,911066759	85,14210613	0	0	0	TRUE
Rv0351	3994	441	3,178983772	2,688844332	48,43299336	0	0	0	TRUE
Rv0352	4439	1222	1,860990424	1,370850983	32,75007264	3,03E-235	3,82E-233	9,32E-234	TRUE
Rv0353	622	117	2,410406051	1,920266611	15,5748269	1,08E-54	2,00E-53	4,88E-54	TRUE
Rv0355c	66	81	-0,295455884	-0,785595324	-3,316441244	0,000912	0,00200917	0,00049095	TRUE
Rv0363c	73	134	-0,876264632	-1,366404072	-6,709119745	1,96E-11	9,21E-11	2,25E-11	TRUE
Rv0366c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv0367c	49	13	1,914270126	1,424130686	3,532044672	0,000412	0,00097474	0,00023818	TRUE
Rv0374c	32	2	4	3,50986056	4,900805323	9,54E-07	3,13E-06	7,64E-07	TRUE
Rv0377	29	82	-1,499571009	-1,98971045	-6,859563209	6,91E-12	3,32E-11	8,12E-12	TRUE
Rv0382c	439	87	2,335133634	1,844994194	12,73562392	3,75E-37	4,77E-36	1,17E-36	TRUE
Rv0383c	680	181	1,909545049	1,419405609	13,12994361	2,22E-39	3,00E-38	7,32E-39	TRUE
Rv0384c	4052	1030	1,975989837	1,485850397	33,23428625	3,44E-242	4,98E-240	1,22E-240	TRUE
Rv0385	44	4	3,459431619	2,969292179	5,339079798	9,34E-08	3,35E-07	8,19E-08	TRUE
Rv0386	125	9	3,795859283	3,305719843	9,451482672	3,34E-21	2,58E-20	6,30E-21	TRUE
Rv0390	48	75	-0,64385619	-1,13399563	-4,336570589	1,45E-05	4,10E-05	1,00E-05	TRUE
Rv0392c	33	3	3,459431619	2,969292179	4,623760527	3,77E-06	1,15E-05	2,81E-06	TRUE
Rv0398c	15	68	-2,180572246	-2,670711686	-7,451127411	9,25E-14	4,94E-13	1,21E-13	TRUE
Rv0404	22	1	4,459431619	3,969292179	4,243748384	2,20E-05	6,09E-05	1,49E-05	TRUE
Rv0405	206	82	1,328948523	0,838809083	4,721488095	2,34E-06	7,36E-06	1,80E-06	TRUE
Rv0409	37	135	-1,867362231	-2,357501671	-9,784774081	1,31E-22	1,07E-21	2,62E-22	TRUE
Rv0410c	100	36	1,473931188	0,983791748	3,762168256	0,000168	0,00042139	0,00010297	TRUE
Rv0420c	44	8	2,459431619	1,969292179	4,210987639	2,54E-05	7,02E-05	1,72E-05	TRUE
Rv0422c	69	100	-0,535331733	-1,025471173	-4,614312898	3,94E-06	1,20E-05	2,93E-06	TRUE
Rv0423c	588	294	1	0,50986056	5,134824227	2,82E-07	9,72E-07	2,38E-07	TRUE
Rv0425c	204	97	1,0725125	0,58237306	3,410380046	0,000649	0,00147885	0,00036137	TRUE
Rv0426c	161	47	1,776328026	1,286188586	5,922552507	3,17E-09	1,29E-08	3,15E-09	TRUE
Rv0440	4007	2393	0,743702113	0,253562673	6,991287398	2,72E-12	1,33E-11	3,26E-12	TRUE
Rv0442c	21	79	-1,911463325	-2,401602765	-7,566799855	3,83E-14	2,08E-13	5,09E-14	TRUE
Rv0443	179	69	1,37529132	0,88515188	4,607115682	4,08E-06	1,24E-05	3,03E-06	TRUE
Rv0445c	26	4	2,700439718	2,210300278	3,484523047	0,000493	0,00114939	0,00028069	TRUE
Rv0449c	16	81	-2,339850003	-2,829989443	-8,38268412	5,17E-17	3,27E-16	7,99E-17	TRUE
Rv0452	25	1	4,64385619	4,15371675	4,585143448	4,54E-06	1,37E-05	3,34E-06	TRUE
Rv0455c	468	66	2,8259706	2,33583116	15,29001881	8,91E-53	1,60E-51	3,92E-52	TRUE
Rv0460	87	24	1,857980995	1,367841555	4,564786318	5,00E-06	1,50E-05	3,66E-06	TRUE

Rv0465c	194	86	1,173648087	0,683508647	3,835430797	0,000125	0,00031763	7,76E-05	TRUE
Rv0467	298	1182	-1,9878458	-2,47798524	-29,82235326	2,00E-195	1,82E-193	4,45E-194	TRUE
Rv0468	102	299	-1,551576332	-2,041715772	-13,32237562	1,72E-40	2,38E-39	5,83E-40	TRUE
Rv0469	185	87	1,088437965	0,598298525	3,32724348	0,000877	0,00194827	0,00047607	TRUE
Rv0470c	52	8	2,700439718	2,210300278	4,92791943	8,31E-07	2,74E-06	6,70E-07	TRUE
Rv0474	105	35	1,584962501	1,094823061	4,208409643	2,57E-05	7,10E-05	1,73E-05	TRUE
Rv0477	231	58	1,993768046	1,503628606	7,987093048	1,38E-15	8,14E-15	1,99E-15	TRUE
Rv0481c	8	21	-1,392317423	-1,882456863	-3,345703932	0,000821	0,00183457	0,00044829	TRUE
Rv0484c	16	37	-1,209453366	-1,699592806	-4,138722688	3,49E-05	9,44E-05	2,31E-05	TRUE
Rv0485	385	197	0,966662816	0,476523376	3,905138961	9,42E-05	0,00024241	5,92E-05	TRUE
Rv0486	99	36	1,459431619	0,969292179	3,697416637	0,000218	0,0005356	0,00013088	TRUE
Rv0487	25	70	-1,485426827	-1,975566267	-6,308137599	2,82E-10	1,23E-09	3,02E-10	TRUE
Rv0489	56	2	4,807354922	4,317215482	6,933334577	4,11E-12	1,99E-11	4,87E-12	TRUE
Rv0490	306	103	1,570887316	1,080747875	7,110237347	1,16E-12	5,78E-12	1,41E-12	TRUE
Rv0491	148	42	1,817135943	1,326996503	5,817235721	5,98E-09	2,38E-08	5,81E-09	TRUE
Rv0492c	36	6	2,584962501	2,094823061	3,964576773	7,35E-05	0,00019122	4,67E-05	TRUE
Rv0493c	32	4	3	2,50986056	4,167603461	3,08E-05	8,39E-05	2,05E-05	TRUE
Rv0495c	35	8	2,129283017	1,639143577	3,310118966	0,000933	0,0020528	0,00050133	TRUE
Rv0496	107	40	1,419538892	0,929399451	3,711295752	0,000206	0,00050834	0,00012422	TRUE
Rv0497	28	2	3,807354922	3,317215482	4,479742164	7,47E-06	2,18E-05	5,34E-06	TRUE
Rv0499	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv0500A	68	130	-0,934904972	-1,425044412	-6,822105453	8,97E-12	4,28E-11	1,05E-11	TRUE
Rv0501	245	352	-0,52279368	-1,01293312	-8,572113816	1,02E-17	6,62E-17	1,62E-17	TRUE
Rv0502	663	1962	-1,565244266	-2,055383706	-34,31337995	4,96E-258	7,44E-256	1,82E-256	TRUE
Rv0503c	124	272	-1,133266531	-1,623405971	-10,86295519	1,73E-27	1,70E-26	4,15E-27	TRUE
Rv0507	41	106	-1,37036845	-1,86050789	-7,457897604	8,79E-14	4,71E-13	1,15E-13	TRUE
Rv0509	335	495	-0,56326743	-1,05340687	-10,49898285	8,73E-26	7,97E-25	1,95E-25	TRUE
Rv0510	107	173	-0,693161241	-1,183300681	-6,814770438	9,44E-12	4,50E-11	1,10E-11	TRUE
Rv0512	82	128	-0,642447995	-1,132587435	-5,659903222	1,51E-08	5,78E-08	1,41E-08	TRUE
Rv0516c	146	9	4,019899557	3,529760117	10,49158726	9,44E-26	8,56E-25	2,09E-25	TRUE
Rv0517	57	10	2,510961919	2,020822479	4,874585136	1,09E-06	3,56E-06	8,70E-07	TRUE
Rv0530	171	50	1,773996325	1,283856885	6,095148675	1,09E-09	4,57E-09	1,12E-09	TRUE
Rv0530A	218	54	2,013296823	1,523157383	7,833246148	4,75E-15	2,75E-14	6,73E-15	TRUE
Rv0538	44	9	2,289506617	1,799367177	3,962619043	7,41E-05	0,00019254	4,70E-05	TRUE
Rv0543c	66	17	1,956931278	1,466791838	4,190949647	2,78E-05	7,63E-05	1,86E-05	TRUE
Rv0545c	49	151	-1,623694895	-2,113834335	-9,679145953	3,70E-22	2,94E-21	7,17E-22	TRUE
Rv0547c	13	107	-3,041027268	-3,531166708	-10,64627568	1,81E-26	1,72E-25	4,19E-26	TRUE

Rv0548c	57	216	-1,921997488	-2,412136928	-12,54497526	4,24E-36	5,07E-35	1,24E-35	TRUE
Rv0550c	15	35	-1,222392421	-1,712531861	-4,04686551	5,19E-05	0,00013752	3,36E-05	TRUE
Rv0551c	64	12	2,415037499	1,924898059	5,00254266	5,66E-07	1,89E-06	4,62E-07	TRUE
Rv0552	31	127	-2,034488376	-2,524627816	-9,873009315	5,45E-23	4,57E-22	1,12E-22	TRUE
Rv0553	28	5	2,485426827	1,995287387	3,388223397	0,000703	0,00159619	0,00038962	TRUE
Rv0555	36	5	2,847996907	2,357857467	4,263547075	2,01E-05	5,60E-05	1,37E-05	TRUE
Rv0557	114	45	1,341036918	0,850897478	3,55526508	0,000378	0,00090075	0,0002201	TRUE
Rv0558	92	203	-1,141773961	-1,631913401	-9,419265388	4,54E-21	3,48E-20	8,50E-21	TRUE
Rv0559c	117	23	2,346802764	1,856663323	6,601867535	4,06E-11	1,86E-10	4,55E-11	TRUE
Rv0560c	32	6	2,415037499	1,924898059	3,537273632	0,000404	0,00095738	0,0002338	TRUE
Rv0561c	32	3	3,415037499	2,924898059	4,519725553	6,19E-06	1,83E-05	4,46E-06	TRUE
Rv0562	56	224	-2	-2,49013944	-13,01124681	1,06E-38	1,40E-37	3,42E-38	TRUE
Rv0563	1340	150	3,159198595	2,669059155	27,91367496	1,82E-171	1,48E-169	3,62E-170	TRUE
Rv0564c	18	75	-2,058893689	-2,549033129	-7,6279237	2,39E-14	1,31E-13	3,21E-14	TRUE
Rv0568	96	171	-0,832890014	-1,323029454	-7,394024815	1,42E-13	7,51E-13	1,83E-13	TRUE
Rv0569	40	220	-2,459431619	-2,949571059	-14,10445742	3,57E-45	5,59E-44	1,37E-44	TRUE
Rv0570	74	487	-2,718324596	-3,208464036	-21,82798963	1,26E-105	4,59E-104	1,12E-104	TRUE
Rv0575c	323	22	3,875958736	3,385819296	15,34765482	3,67E-53	6,67E-52	1,63E-52	TRUE
Rv0577	111	37	1,584962501	1,094823061	4,326997395	1,51E-05	4,27E-05	1,04E-05	TRUE
Rv0582	50	5	3,321928095	2,831788655	5,558818098	2,72E-08	1,01E-07	2,47E-08	TRUE
Rv0585c	36	111	-1,624490865	-2,114630305	-8,300454885	1,04E-16	6,45E-16	1,58E-16	TRUE
Rv0586	2115	909	1,218305464	0,728166024	13,40737305	5,47E-41	7,80E-40	1,91E-40	TRUE
Rv0587	503	209	1,267055458	0,776916018	6,908732679	4,89E-12	2,36E-11	5,77E-12	TRUE
Rv0589	289	55	2,393565969	1,903426529	10,55224215	4,96E-26	4,59E-25	1,12E-25	TRUE
Rv0590	94	249	-1,40541308	-1,89555252	-11,57643946	5,43E-31	5,74E-30	1,40E-30	TRUE
Rv0590A	22	3	2,874469118	2,384329678	3,354941462	0,000794	0,00177948	0,00043458	TRUE
Rv0595c	3	98	-5,029747343	-5,519886783	-11,28377232	1,58E-29	1,63E-28	3,97E-29	TRUE
Rv0598c	12	30	-1,321928095	-1,812067535	-3,896621826	9,75E-05	0,0002501	6,11E-05	TRUE
Rv0599c	23	2	3,523561956	3,033422516	3,899907717	9,62E-05	0,00024706	6,03E-05	TRUE
Rv0605	41	10	2,03562391	1,54548447	3,433203297	0,000596	0,00136978	0,00033462	TRUE
Rv0608	350	403	-0,203424917	-0,693564357	-6,638229756	3,17E-11	1,47E-10	3,59E-11	TRUE
Rv0609	363	65	2,481457925	1,991318485	12,18578248	3,70E-34	4,21E-33	1,03E-33	TRUE
Rv0611c	186	236	-0,343484238	-0,833623678	-5,95816909	2,55E-09	1,04E-08	2,55E-09	TRUE
Rv0612	88	32	1,459431619	0,969292179	3,485930374	0,00049	0,00114472	0,00027972	TRUE
Rv0613c	13	86	-2,725825037	-3,215964477	-9,180522662	4,29E-20	3,13E-19	7,65E-20	TRUE
Rv0625c	18	51	-1,502500341	-1,992639781	-5,414814227	6,14E-08	2,23E-07	5,46E-08	TRUE
Rv0628c	131	256	-0,966576998	-1,456716439	-9,733650944	2,17E-22	1,76E-21	4,29E-22	TRUE

Rv0631c	38	8	2,247927513	1,757788073	3,623450812	0,000291	0,00070377	0,00017197	TRUE
Rv0634B	191	500	-1,388355457	-1,878494897	-16,30792713	8,67E-60	1,72E-58	4,20E-59	TRUE
Rv0634c	72	11	2,710493383	2,220353943	5,814956742	6,06E-09	2,40E-08	5,88E-09	TRUE
Rv0636	136	48	1,502500341	1,0123609	4,492628838	7,03E-06	2,06E-05	5,04E-06	TRUE
Rv0641	309	342	-0,146389487	-0,636528927	-5,66774725	1,45E-08	5,54E-08	1,35E-08	TRUE
Rv0642c	57	135	-1,243925583	-1,734065023	-8,018465171	1,07E-15	6,34E-15	1,55E-15	TRUE
Rv0643c	63	257	-2,028344626	-2,518484066	-14,02657784	1,07E-44	1,66E-43	4,06E-44	TRUE
Rv0644c	55	11	2,321928095	1,831788655	4,484926836	7,29E-06	2,14E-05	5,22E-06	TRUE
Rv0645c	50	153	-1,613531653	-2,103671093	-9,713299462	2,65E-22	2,13E-21	5,21E-22	TRUE
Rv0651	119	164	-0,462734241	-0,952873681	-5,560752431	2,69E-08	1,00E-07	2,45E-08	TRUE
Rv0653c	47	7	2,74723393	2,25709449	4,745549832	2,08E-06	6,58E-06	1,61E-06	TRUE
Rv0654	1161	104	3,480712539	2,990573099	27,53141655	7,39E-167	5,44E-165	1,33E-165	TRUE
Rv0655	937	96	3,286942737	2,796803297	23,91926479	1,93E-126	9,31E-125	2,27E-125	TRUE
Rv0656c	22	3	2,874469118	2,384329678	3,354941462	0,000794	0,00177948	0,00043458	TRUE
Rv0658c	32	119	-1,894817763	-2,384957203	-9,24943321	2,26E-20	1,68E-19	4,09E-20	TRUE
Rv0661c	1	14	-3,807354922	-4,297494362	-4,103720019	4,07E-05	0,0001093	2,67E-05	TRUE
Rv0667	3696	2939	0,330639398	-0,159500042	-4,538147057	5,68E-06	1,68E-05	4,11E-06	TRUE
Rv0668	1002	1147	-0,194982883	-0,685122323	-11,08812088	1,43E-28	1,43E-27	3,50E-28	TRUE
Rv0669c	36	4	3,169925001	2,679785561	4,582741107	4,59E-06	1,38E-05	3,37E-06	TRUE
Rv0670	246	22	3,483082887	2,992943447	12,67372762	8,27E-37	1,04E-35	2,54E-36	TRUE
Rv0671	111	17	2,706953025	2,216813585	7,213117748	5,47E-13	2,79E-12	6,81E-13	TRUE
Rv0672	181	52	1,799406169	1,309266729	6,366886653	1,93E-10	8,49E-10	2,08E-10	TRUE
Rv0673	58	6	3,273018494	2,782879054	5,933722508	2,96E-09	1,21E-08	2,95E-09	TRUE
Rv0676c	761	118	2,689109594	2,198970154	18,7983212	7,79E-79	2,06E-77	5,03E-78	TRUE
Rv0677c	388	14	4,79255792	4,30241848	18,23555863	2,69E-74	6,92E-73	1,69E-73	TRUE
Rv0678	1856	116	4	3,50986056	37,34364852	3,21E-305	7,38E-303	1,80E-303	TRUE
Rv0684	708	756	-0,094636874	-0,584776314	-7,815101731	5,49E-15	3,17E-14	7,75E-15	TRUE
Rv0685	301	963	-1,677772311	-2,167911751	-24,8482666	2,70E-136	1,41E-134	3,43E-135	TRUE
Rv0695	23	68	-1,563900885	-2,054040325	-6,37700882	1,81E-10	7,97E-10	1,95E-10	TRUE
Rv0700	348	501	-0,525723297	-1,015862737	-10,25258046	1,15E-24	1,02E-23	2,49E-24	TRUE
Rv0701	207	621	-1,584962501	-2,075101941	-19,40521116	6,97E-84	2,06E-82	5,04E-83	TRUE
Rv0702	78	306	-1,971985624	-2,462125064	-15,11027173	1,39E-51	2,43E-50	5,93E-51	TRUE
Rv0703	81	118	-0,542793046	-1,032932487	-5,042461451	4,60E-07	1,55E-06	3,78E-07	TRUE
Rv0704	105	454	-2,11230297	-2,60244241	-18,98818754	2,14E-80	5,75E-79	1,41E-79	TRUE
Rv0705	97	382	-1,977515986	-2,467655426	-16,90522886	4,12E-64	8,98E-63	2,19E-63	TRUE
Rv0706	36	86	-1,256339753	-1,746479193	-6,431626561	1,26E-10	5,63E-10	1,38E-10	TRUE
Rv0707	117	145	-0,30954437	-0,79968381	-4,506116555	6,60E-06	1,94E-05	4,75E-06	TRUE

Rv0708	93	230	-1,30633124	-1,79647068	-10,72696187	7,61E-27	7,28E-26	1,78E-26	TRUE
Rv0709	69	340	-2,300866479	-2,791005919	-17,05494147	3,21E-65	7,13E-64	1,74E-64	TRUE
Rv0710	48	187	-1,961931959	-2,452071399	-11,78368588	4,74E-32	5,10E-31	1,25E-31	TRUE
Rv0712	56	10	2,485426827	1,995287387	4,791738808	1,65E-06	5,30E-06	1,29E-06	TRUE
Rv0713	40	8	2,321928095	1,831788655	3,824727988	0,000131	0,00033089	8,09E-05	TRUE
Rv0715	53	124	-1,226275856	-1,716415296	-7,629868371	2,35E-14	1,30E-13	3,17E-14	TRUE
Rv0716	41	113	-1,462626958	-1,952766398	-7,953887479	1,81E-15	1,06E-14	2,59E-15	TRUE
Rv0718	26	179	-2,783376059	-3,273515499	-13,34856714	1,21E-40	1,70E-39	4,14E-40	TRUE
Rv0721	145	217	-0,581642142	-1,071781582	-7,048280701	1,81E-12	8,94E-12	2,19E-12	TRUE
Rv0722	74	133	-0,84582907	-1,33596851	-6,56971756	5,04E-11	2,30E-10	5,61E-11	TRUE
Rv0724	432	716	-0,728928275	-1,219067715	-14,20177085	8,93E-46	1,42E-44	3,48E-45	TRUE
Rv0725c	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv0728c	11	26	-1,2410081	-1,73114754	-3,514493801	0,000441	0,00103334	0,0002525	TRUE
Rv0730	38	65	-0,77444403	-1,26457974	-4,401235008	1,08E-05	3,10E-05	7,57E-06	TRUE
Rv0732	18	45	-1,321928095	-1,812067535	-4,772421364	1,82E-06	5,80E-06	1,42E-06	TRUE
Rv0740	65	16	2,022367813	1,532228373	4,295630682	1,74E-05	4,89E-05	1,19E-05	TRUE
Rv0741	29	5	2,5360529	2,04591346	3,50480564	0,000457	0,00107008	0,00026124	TRUE
Rv0743c	66	2	5,044394119	4,554254679	7,620705697	2,52E-14	1,39E-13	3,39E-14	TRUE
Rv0744c	121	26	2,218423519	1,728284079	6,390166964	1,66E-10	7,32E-10	1,79E-10	TRUE
Rv0747	80	98	-0,292781749	-0,782921189	-3,637233646	0,000276	0,00067091	0,00016394	TRUE
Rv0751c	243	46	2,401250548	1,911111108	9,701970802	2,96E-22	2,37E-21	5,79E-22	TRUE
Rv0752c	846	41	4,366961849	3,876822408	26,1239594	1,95E-150	1,15E-148	2,82E-149	TRUE
Rv0753c	1787	261	2,775417922	2,285278482	29,50606901	2,41E-191	2,09E-189	5,10E-190	TRUE
Rv0754	522	23	4,504344041	4,0142046	20,74598566	1,33E-95	4,41E-94	1,08E-94	TRUE
Rv0755A	155	45	1,784271309	1,294131869	5,838968455	5,25E-09	2,10E-08	5,13E-09	TRUE
Rv0755c	540	130	2,054447784	1,564308344	12,57395183	2,94E-36	3,56E-35	8,70E-36	TRUE
Rv0757	366	99	1,886343218	1,396203778	9,511621015	1,88E-21	1,46E-20	3,56E-21	TRUE
Rv0758	333	167	0,995674075	0,505534635	3,833462419	0,000126	0,00031998	7,82E-05	TRUE
Rv0762c	54	5	3,432959407	2,942819967	5,889000323	3,89E-09	1,57E-08	3,83E-09	TRUE
Rv0763c	25	1	4,64385619	4,15371675	4,585143448	4,54E-06	1,37E-05	3,34E-06	TRUE
Rv0764c	521	39	3,739737343	3,249597903	19,15610471	8,61E-82	2,40E-80	5,87E-81	TRUE
Rv0766c	308	12	4,68182404	4,1916846	16,13546225	1,44E-58	2,78E-57	6,79E-58	TRUE
Rv0767c	275	89	1,627554377	1,137414937	7,024392453	2,15E-12	1,06E-11	2,58E-12	TRUE
Rv0768	548	34	4,010569242	3,520429802	20,30763892	1,10E-91	3,44E-90	8,40E-91	TRUE
Rv0769	131	17	2,94596016	2,45582072	8,328744144	8,17E-17	5,10E-16	1,25E-16	TRUE
Rv0770	59	0	6,882643049	6,392503609	7,354577957	1,92E-13	1,00E-12	2,45E-13	TRUE
Rv0774c	2	12	-2,584962501	-3,075101941	-3,3600313	0,000779	0,00175205	0,00042788	TRUE

Rv0775	73	22	1,73039294	1,2402535	3,876109021	0,000106	0,00027179	6,64E-05	TRUE
Rv0777	71	206	-1,536753408	-2,026892848	-11,005329	3,60E-28	3,57E-27	8,72E-28	TRUE
Rv0778	21	91	-2,115477217	-2,605616657	-8,50504681	1,82E-17	1,17E-16	2,86E-17	TRUE
Rv0782	41	97	-1,242360838	-1,732500278	-6,79239924	1,10E-11	5,24E-11	1,28E-11	TRUE
Rv0783c	71	96	-0,435215381	-0,925354821	-4,151086063	3,31E-05	8,99E-05	2,20E-05	TRUE
Rv0788	49	89	-0,861023587	-1,351163027	-5,420842668	5,93E-08	2,16E-07	5,29E-08	TRUE
Rv0790c	308	100	1,622930351	1,132790911	7,409799053	1,26E-13	6,70E-13	1,64E-13	TRUE
Rv0791c	983	26	5,240607888	4,750468448	29,6571276	2,74E-193	2,44E-191	5,95E-192	TRUE
Rv0792c	1354	237	2,514268775	2,024129335	23,79856767	3,46E-125	1,65E-123	4,02E-124	TRUE
Rv0793	82	2	5,357552005	4,867412565	8,598925655	8,05E-18	5,32E-17	1,30E-17	TRUE
Rv0796	26	54	-1,054447784	-1,544587224	-4,667690039	3,05E-06	9,42E-06	2,30E-06	TRUE
Rv0802c	42	63	-0,584962501	-1,075101941	-3,806730259	0,000141	0,00035499	8,67E-05	TRUE
Rv0805	230	445	-0,952171475	-1,442310915	-12,74014505	3,54E-37	4,51E-36	1,10E-36	TRUE
Rv0808	459	126	1,86507042	1,37493098	10,52880864	6,36E-26	5,86E-25	1,43E-25	TRUE
Rv0809	37	59	-0,673189684	-1,163329124	-3,92571349	8,65E-05	0,00022333	5,46E-05	TRUE
Rv0810c	94	133	-0,500693584	-0,990833024	-5,172869074	2,31E-07	8,01E-07	1,96E-07	TRUE
Rv0812	24	78	-1,700439718	-2,190579158	-7,113546843	1,13E-12	5,66E-12	1,38E-12	TRUE
Rv0814c	59	76	-0,365284464	-0,855423904	-3,455896985	0,000548	0,00126581	0,00030931	TRUE
Rv0815c	55	74	-0,428093652	-0,918233092	-3,620869851	0,000294	0,00070863	0,00017316	TRUE
Rv0822c	126	29	2,119298928	1,629159488	6,253388103	4,02E-10	1,74E-09	4,25E-10	TRUE
Rv0823c	739	133	2,474148119	1,984008679	17,34833491	2,03E-67	4,64E-66	1,13E-66	TRUE
Rv0824c	1236	250	2,305678743	1,815539303	21,14514213	3,06E-99	1,07E-97	2,61E-98	TRUE
Rv0825c	25	2	3,64385619	3,15371675	4,139971022	3,47E-05	9,40E-05	2,30E-05	TRUE
Rv0826	171	6	4,832890014	4,342750574	12,13379672	6,99E-34	7,87E-33	1,92E-33	TRUE
Rv0827c	269	29	3,213481367	2,723341927	12,63612069	1,33E-36	1,65E-35	4,04E-36	TRUE
Rv0829	1	40	-5,321928095	-5,812067535	-7,215681918	5,37E-13	2,74E-12	6,70E-13	TRUE
Rv0830	121	39	1,633461018	1,143321578	4,678372448	2,89E-06	8,98E-06	2,19E-06	TRUE
Rv0834c	382	164	1,219876823	0,729737383	5,700999288	1,19E-08	4,60E-08	1,12E-08	TRUE
Rv0835	54	8	2,754887502	2,264748062	5,097180599	3,45E-07	1,18E-06	2,88E-07	TRUE
Rv0836c	72	0	7,169925001	6,679785561	8,077365014	6,62E-16	3,98E-15	9,72E-16	TRUE
Rv0837c	488	15	5,023846742	4,533707302	20,70398027	3,19E-95	1,05E-93	2,56E-94	TRUE
Rv0838	32	6	2,415037499	1,924898059	3,537273632	0,000404	0,00095738	0,0002338	TRUE
Rv0840c	319	42	2,925095191	2,434955751	12,93419005	2,89E-38	3,77E-37	9,21E-38	TRUE
Rv0846c	165	37	2,156868849	1,666729409	7,273698298	3,50E-13	1,81E-12	4,42E-13	TRUE
Rv0847	1014	396	1,356485317	0,866345877	10,77407787	4,56E-27	4,41E-26	1,08E-26	TRUE
Rv0848	202	273	-0,434545658	-0,924685098	-6,997162698	2,61E-12	1,28E-11	3,13E-12	TRUE
Rv0849	154	11	3,807354922	3,317215482	10,50634677	8,08E-26	7,40E-25	1,81E-25	TRUE

Rv0850	14	33	-1,237039197	-1,727178637	-3,953095494	7,71E-05	0,00019977	4,88E-05	TRUE
Rv0857	55	13	2,080919995	1,590780555	4,060963102	4,89E-05	0,00013031	3,18E-05	TRUE
Rv0859	171	79	1,114071767	0,623932327	3,321098113	0,000897	0,00199055	0,0004864	TRUE
Rv0860	546	736	-0,430804815	-0,920944255	-11,4553034	2,21E-30	2,32E-29	5,67E-30	TRUE
Rv0861c	73	194	-1,410088283	-1,900227723	-10,23473606	1,39E-24	1,22E-23	2,97E-24	TRUE
Rv0863	45	9	2,321928095	1,831788655	4,056747417	4,98E-05	0,00013228	3,23E-05	TRUE
Rv0869c	62	20	1,632268215	1,142128775	3,345932109	0,00082	0,00183411	0,00044818	TRUE
Rv0872c	225	299	-0,410220483	-0,900359923	-7,160475377	8,04E-13	4,06E-12	9,92E-13	TRUE
Rv0873	194	42	2,207595419	1,717455979	8,056073039	7,88E-16	4,72E-15	1,15E-15	TRUE
Rv0876c	216	88	1,295455884	0,805316443	4,668746083	3,03E-06	9,39E-06	2,29E-06	TRUE
Rv0884c	125	52	1,265344567	0,775205126	3,43648954	0,000589	0,00135447	0,00033097	TRUE
Rv0885	515	510	0,014075185	-0,476064255	-5,323568623	1,02E-07	3,64E-07	8,89E-08	TRUE
Rv0886	149	63	1,241888597	0,751749157	3,653281139	0,000259	0,00063388	0,00015489	TRUE
Rv0888	14	45	-1,684498174	-2,174637614	-5,378528158	7,51E-08	2,72E-07	6,64E-08	TRUE
Rv0896	182	205	-0,171685459	-0,661824899	-4,541794928	5,58E-06	1,66E-05	4,05E-06	TRUE
Rv0897c	54	13	2,054447784	1,564308344	3,975106541	7,03E-05	0,00018375	4,49E-05	TRUE
Rv0898c	57	11	2,373458396	1,883318955	4,652454617	3,28E-06	1,01E-05	2,47E-06	TRUE
Rv0900	10	35	-1,807354922	-2,297494362	-4,905797105	9,30E-07	3,06E-06	7,47E-07	TRUE
Rv0903c	191	21	3,185111405	2,694971965	10,58835638	3,37E-26	3,14E-25	7,67E-26	TRUE
Rv0907	4	18	-2,169925001	-2,660064441	-3,825235052	0,000131	0,00033043	8,07E-05	TRUE
Rv0910	42	143	-1,767553914	-2,257693354	-9,812501275	9,95E-23	8,19E-22	2,00E-22	TRUE
Rv0913c	29	144	-2,311944006	-2,802083446	-11,12072202	9,95E-29	1,00E-27	2,45E-28	TRUE
Rv0914c	76	8	3,247927513	2,757788073	6,760486804	1,38E-11	6,49E-11	1,59E-11	TRUE
Rv0917	125	21	2,573466862	2,083327422	7,361981983	1,81E-13	9,50E-13	2,32E-13	TRUE
Rv0918	30	5	2,584962501	2,094823061	3,619136355	0,000296	0,00071273	0,00017411	TRUE
Rv0919	98	15	2,707819249	2,217679808	6,779168342	1,21E-11	5,73E-11	1,40E-11	TRUE
Rv0921	219	47	2,220198208	1,730058768	8,60353928	7,73E-18	5,12E-17	1,25E-17	TRUE
Rv0922	156	64	1,285402219	0,795262779	3,924793438	8,68E-05	0,00022404	5,47E-05	TRUE
Rv0925c	6	25	-2,058893689	-2,549033129	-4,403855696	1,06E-05	3,06E-05	7,48E-06	TRUE
Rv0926c	16	51	-1,672425342	-2,162564782	-5,706040724	1,16E-08	4,47E-08	1,09E-08	TRUE
Rv0931c	267	937	-1,811209306	-2,301348746	-25,42328831	1,39E-142	7,89E-141	1,93E-141	TRUE
Rv0935	62	19	1,706268797	1,216129357	3,517323105	0,000436	0,00102547	0,00025058	TRUE
Rv0939	86	237	-1,462478494	-1,952617934	-11,51943241	1,05E-30	1,11E-29	2,72E-30	TRUE
Rv0940c	158	17	3,216317907	2,726178467	9,689156785	3,35E-22	2,67E-21	6,53E-22	TRUE
Rv0941c	62	11	2,494764692	2,004625252	5,057329238	4,25E-07	1,43E-06	3,50E-07	TRUE
Rv0946c	25	67	-1,422233001	-1,912372441	-6,039844474	1,54E-09	6,37E-09	1,56E-09	TRUE
Rv0949	46	68	-0,563900885	-1,054040325	-3,891627166	9,96E-05	0,00025514	6,23E-05	TRUE

Rv0953c	36	93	-1,36923381	-1,85937325	-6,982665728	2,90E-12	1,41E-11	3,45E-12	TRUE
Rv0954	97	194	-1	-1,49013944	-8,617266043	6,86E-18	4,55E-17	1,11E-17	TRUE
Rv0955	62	109	-0,813988014	-1,304127454	-5,83774947	5,29E-09	2,11E-08	5,16E-09	TRUE
Rv0958	53	80	-0,59400764	-1,08414708	-4,319084702	1,57E-05	4,41E-05	1,08E-05	TRUE
Rv0959A	24	59	-1,297680549	-1,787819989	-5,414239686	6,15E-08	2,24E-07	5,47E-08	TRUE
Rv0960	17	318	-4,225420114	-4,715559554	-19,96267033	1,16E-88	3,58E-87	8,74E-88	TRUE
Rv0967	2408	388	2,633706835	2,143567395	32,93720367	6,45E-238	8,40E-236	2,05E-236	TRUE
Rv0968	1984	46	5,430634354	4,940494914	42,40622896	0	0	0	TRUE
Rv0969	2355	137	4,103479262	3,613339821	42,54105693	0	0	0	TRUE
Rv0970	282	9	4,969626351	4,479486911	15,69660132	1,60E-55	2,98E-54	7,29E-55	TRUE
Rv0971c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv0979c	17	0	5,087462841	4,597323401	3,875161076	0,000107	0,00027267	6,66E-05	TRUE
Rv0980c	56	3	4,222392421	3,732252981	6,633359691	3,28E-11	1,51E-10	3,70E-11	TRUE
Rv0981	208	90	1,208586622	0,718447182	4,149257119	3,34E-05	9,04E-05	2,21E-05	TRUE
Rv0983	1843	197	3,225788536	2,735649096	33,17399067	2,55E-241	3,56E-239	8,70E-240	TRUE
Rv0984	798	243	1,715432433	1,225292993	12,6998306	5,93E-37	7,51E-36	1,84E-36	TRUE
Rv0985c	92	7	3,716207034	3,226067594	8,022994345	1,03E-15	6,12E-15	1,50E-15	TRUE
Rv0986	66	12	2,459431619	1,969292179	5,157442969	2,50E-07	8,68E-07	2,12E-07	TRUE
Rv0989c	337	14	4,589249859	4,099110419	16,77231446	3,89E-63	8,39E-62	2,05E-62	TRUE
Rv0990c	483	178	1,440145948	0,950006508	8,033376104	9,48E-16	5,64E-15	1,38E-15	TRUE
Rv0991c	1209	1064	0,184316094	-0,305823346	-5,091277803	3,56E-07	1,21E-06	2,96E-07	TRUE
Rv0994	75	121	-0,690044547	-1,180183987	-5,687075306	1,29E-08	4,97E-08	1,21E-08	TRUE
Rv0995	21	66	-1,652076697	-2,142216137	-6,452852873	1,10E-10	4,91E-10	1,20E-10	TRUE
Rv0996	347	32	3,438791853	2,948652413	14,94432362	1,70E-50	2,92E-49	7,13E-50	TRUE
Rv1005c	37	63	-0,767826558	-1,257965998	-4,315268669	1,59E-05	4,48E-05	1,10E-05	TRUE
Rv1006	133	340	-1,354108501	-1,844247941	-13,27975646	3,03E-40	4,17E-39	1,02E-39	TRUE
Rv1010	26	4	2,700439718	2,210300278	3,484523047	0,000493	0,00114939	0,00028069	TRUE
Rv1020	105	32	1,714245518	1,224106078	4,601105995	4,20E-06	1,27E-05	3,11E-06	TRUE
Rv1023	58	12	2,273018494	1,782879054	4,52081013	6,16E-06	1,82E-05	4,44E-06	TRUE
Rv1038c	28	4	2,807354922	2,317215482	3,721387151	0,000198	0,00048922	0,00011951	TRUE
Rv1039c	25	74	-1,565597176	-2,055736616	-6,655965393	2,81E-11	1,31E-10	3,19E-11	TRUE
Rv1041c	108	201	-0,896164189	-1,386303629	-8,308407312	9,70E-17	6,04E-16	1,48E-16	TRUE
Rv1043c	76	9	3,078002512	2,587863072	6,533520765	6,42E-11	2,91E-10	7,12E-11	TRUE
Rv1046c	380	77	2,303069068	1,812929628	11,70755562	1,17E-31	1,25E-30	3,06E-31	TRUE
Rv1047	74	123	-0,73306114	-1,22320058	-5,898744183	3,66E-09	1,48E-08	3,62E-09	TRUE
Rv1048c	462	43	3,425484287	2,935344847	17,2063165	2,38E-66	5,37E-65	1,31E-65	TRUE
Rv1049	25	1	4,64385619	4,15371675	4,585143448	4,54E-06	1,37E-05	3,34E-06	TRUE

Rv1052	52	162	-1,639410285	-2,129549725	-10,07263699	7,30E-24	6,31E-23	1,54E-23	TRUE
Rv1057	18	200	-3,473931188	-3,964070628	-15,15920489	6,59E-52	1,16E-50	2,84E-51	TRUE
Rv1060	39	5	2,963474124	2,473334684	4,562755644	5,05E-06	1,51E-05	3,69E-06	TRUE
Rv1061	57	5	3,510961919	3,020822479	6,127362787	8,93E-10	3,77E-09	9,21E-10	TRUE
Rv1062	13	38	-1,547487795	-2,037627235	-4,742380602	2,11E-06	6,67E-06	1,63E-06	TRUE
Rv1063c	62	77	-0,31259023	-0,80272967	-3,294230804	0,000987	0,00216511	0,00052906	TRUE
Rv1065	179	835	-2,22181661	-2,71195605	-26,33573623	7,48E-153	4,63E-151	1,13E-151	TRUE
Rv1066	39	221	-2,502500341	-2,992639781	-14,2362307	5,46E-46	8,74E-45	2,13E-45	TRUE
Rv1071c	48	7	2,777607579	2,287468139	4,834792004	1,33E-06	4,32E-06	1,06E-06	TRUE
Rv1072	3057	731	2,064173241	1,574033801	30,09664141	5,36E-199	5,23E-197	1,28E-197	TRUE
Rv1073	944	151	2,64423831	2,15409887	20,67169713	6,23E-95	2,03E-93	4,95E-94	TRUE
Rv1074c	98	113	-0,205469118	-0,695608558	-3,523090444	0,000427	0,00100462	0,00024549	TRUE
Rv1075c	22	1	4,459431619	3,969292179	4,243748384	2,20E-05	6,09E-05	1,49E-05	TRUE
Rv1076	43	9	2,256339753	1,766200313	3,867286197	0,00011	0,0002807	6,85E-05	TRUE
Rv1078	18	43	-1,256339753	-1,746479193	-4,547696497	5,42E-06	1,62E-05	3,95E-06	TRUE
Rv1080c	625	177	1,820106829	1,329967389	11,97855356	4,60E-33	5,02E-32	1,23E-32	TRUE
Rv1082	83	126	-0,602240492	-1,092379932	-5,454024534	4,92E-08	1,81E-07	4,42E-08	TRUE
Rv1084	12	26	-1,115477217	-1,605616657	-3,331333345	0,000864	0,0019226	0,00046965	TRUE
Rv1087	29	87	-1,584962501	-2,075101941	-7,260610238	3,85E-13	1,98E-12	4,84E-13	TRUE
Rv1093	57	87	-0,610053482	-1,100192922	-4,558082298	5,16E-06	1,54E-05	3,77E-06	TRUE
Rv1094	349	381	-0,126563961	-0,616703401	-5,816082394	6,02E-09	2,39E-08	5,84E-09	TRUE
Rv1096	20	70	-1,807354922	-2,297494362	-6,937998941	3,98E-12	1,93E-11	4,71E-12	TRUE
Rv1102c	16	1	4	3,50986056	3,465376216	0,000529	0,00122564	0,00029914	TRUE
Rv1106c	50	13	1,943416472	1,453277032	3,62258318	0,000292	0,00070526	0,00017223	TRUE
Rv1108c	47	12	1,969626351	1,479486911	3,559357578	0,000372	0,00088845	0,0002171	TRUE
Rv1109c	34	6	2,502500341	2,0123609	3,754475262	0,000174	0,00043371	0,00010591	TRUE
Rv1110	208	61	1,769702381	1,279562941	6,70496497	2,01E-11	9,46E-11	2,31E-11	TRUE
Rv1113	9	36	-2	-2,49013944	-5,215520675	1,83E-07	6,43E-07	1,57E-07	TRUE
Rv1114	21	1	4,392317423	3,902177983	4,123753811	3,73E-05	0,00010052	2,46E-05	TRUE
Rv1122	12	95	-2,984893108	-3,475032548	-9,968526587	2,09E-23	1,79E-22	4,37E-23	TRUE
Rv1123c	17	80	-2,234465254	-2,724604694	-8,16837591	3,13E-16	1,91E-15	4,66E-16	TRUE
Rv1126c	17	37	-1,121990524	-1,612129964	-3,985695487	6,73E-05	0,0001761	4,30E-05	TRUE
Rv1127c	44	61	-0,471305719	-0,961445159	-3,416452077	0,000634	0,00144964	0,00035423	TRUE
Rv1128c	26	544	-4,387023123	-4,877162563	-26,26032546	5,45E-152	3,32E-150	8,12E-151	TRUE
Rv1129c	35	78	-1,156119202	-1,646258642	-5,874814335	4,23E-09	1,71E-08	4,17E-09	TRUE
Rv1130	702	677	0,052315197	-0,437824243	-5,679571085	1,35E-08	5,18E-08	1,27E-08	TRUE
Rv1133c	156	360	-1,206450877	-1,696590318	-12,8968746	4,69E-38	6,10E-37	1,49E-37	TRUE

Rv1135c	27	3	3,169925001	2,679785561	3,968756079	7,22E-05	0,00018828	4,60E-05	TRUE
Rv1140	14	132	-3,237039197	-3,727178637	-12,06441699	1,63E-33	1,81E-32	4,41E-33	TRUE
Rv1141c	19	45	-1,243925583	-1,734065023	-4,629141499	3,67E-06	1,12E-05	2,74E-06	TRUE
Rv1146	26	137	-2,397592365	-2,887731805	-11,01386085	3,28E-28	3,26E-27	7,96E-28	TRUE
Rv1147	2	62	-4,95419631	-5,44433575	-8,968803996	3,00E-19	2,12E-18	5,17E-19	TRUE
Rv1149	302	599	-0,988007453	-1,478146894	-15,05649767	3,13E-51	5,46E-50	1,33E-50	TRUE
Rv1151c	40	78	-0,963474124	-1,453613564	-5,363458102	8,16E-08	2,94E-07	7,19E-08	TRUE
Rv1154c	14	49	-1,807354922	-2,297494362	-5,804668999	6,45E-09	2,55E-08	6,24E-09	TRUE
Rv1155	45	6	2,906890596	2,416751156	4,836261985	1,32E-06	4,29E-06	1,05E-06	TRUE
Rv1156	210	100	1,070389328	0,580249888	3,448840462	0,000563	0,00129782	0,00031713	TRUE
Rv1159	44	10	2,137503524	1,647364084	3,724706433	0,000196	0,00048359	0,00011817	TRUE
Rv1161	1648	2313	-0,489049023	-0,979188463	-21,40854681	1,11E-101	3,98E-100	9,74E-101	TRUE
Rv1162	276	775	-1,489528043	-1,979667483	-21,02868238	3,58E-98	1,23E-96	3,00E-97	TRUE
Rv1165	15	41	-1,450661409	-1,940800849	-4,771347097	1,83E-06	5,83E-06	1,42E-06	TRUE
Rv1167c	170	37	2,199937571	1,70979813	7,517559482	5,58E-14	3,01E-13	7,36E-14	TRUE
Rv1168c	1324	31	5,416491096	4,926351656	34,62348698	1,12E-262	1,99E-260	4,86E-261	TRUE
Rv1169c	704	57	3,626541604	3,136402164	21,91923664	1,70E-106	6,27E-105	1,53E-105	TRUE
Rv1171	43	103	-1,260235772	-1,750375213	-7,049695641	1,79E-12	8,86E-12	2,17E-12	TRUE
Rv1173	989	3922	-1,987547109	-2,477686549	-54,40876651	0	0	0	TRUE
Rv1174c	292	135	1,113008962	0,622869522	4,333682809	1,47E-05	4,15E-05	1,01E-05	TRUE
Rv1175c	91	34	1,420331799	0,930192359	3,424995473	0,000615	0,00140811	0,00034408	TRUE
Rv1178	226	60	1,913288367	1,423148927	7,582349572	3,39E-14	1,85E-13	4,53E-14	TRUE
Rv1179c	5	97	-4,277984747	-4,768124187	-11,04645225	2,28E-28	2,27E-27	5,55E-28	TRUE
Rv1180	26	166	-2,674599713	-3,164739153	-12,66399211	9,36E-37	1,17E-35	2,85E-36	TRUE
Rv1181	50	329	-2,718087584	-3,208227024	-17,93912234	5,84E-72	1,41E-70	3,44E-71	TRUE
Rv1183	13	89	-2,775293713	-3,265433153	-9,401997878	5,35E-21	4,09E-20	1,00E-20	TRUE
Rv1184c	16	293	-4,194756854	-4,684896294	-19,13862199	1,20E-81	3,33E-80	8,15E-81	TRUE
Rv1185c	19	235	-3,628589433	-4,118728873	-16,62193203	4,83E-62	1,02E-60	2,49E-61	TRUE
Rv1186c	45	161	-1,839063782	-2,329203222	-10,60936398	2,70E-26	2,52E-25	6,17E-26	TRUE
Rv1187	22	204	-3,212993723	-3,703133163	-14,96392636	1,26E-50	2,18E-49	5,33E-50	TRUE
Rv1194c	103	465	-2,174586379	-2,664725819	-19,46553913	2,15E-84	6,42E-83	1,57E-83	TRUE
Rv1195	4	24	-2,584962501	-3,075101941	-4,751829479	2,02E-06	6,39E-06	1,56E-06	TRUE
Rv1198	89	15	2,568842835	2,078703395	6,203119597	5,54E-10	2,39E-09	5,84E-10	TRUE
Rv1199c	25	48	-0,941106311	-1,431245751	-4,158683376	3,20E-05	8,70E-05	2,13E-05	TRUE
Rv1200	43	9	2,256339753	1,766200313	3,867286197	0,00011	0,0002807	6,85E-05	TRUE
Rv1206	63	12	2,392317423	1,902177983	4,924070344	8,48E-07	2,79E-06	6,81E-07	TRUE
Rv1210	28	5	2,485426827	1,995287387	3,388223397	0,000703	0,00159619	0,00038962	TRUE

Rv1215c	28	45	-0,684498174	-1,174637614	-3,454962323	0,00055	0,00126946	0,0003102	TRUE
Rv1217c	22	72	-1,710493383	-2,200632823	-6,853862312	7,19E-12	3,45E-11	8,43E-12	TRUE
Rv1221	5122	1888	1,439848488	0,949709048	26,24152805	8,93E-152	5,37E-150	1,31E-150	TRUE
Rv1222	1173	191	2,61855847	2,12841903	22,87245013	8,74E-116	3,79E-114	9,27E-115	TRUE
Rv1223	1924	383	2,328692502	1,838553062	26,6194301	4,04E-156	2,59E-154	6,33E-155	TRUE
Rv1225c	13	35	-1,428843299	-1,918982739	-4,37535592	1,21E-05	3,47E-05	8,47E-06	TRUE
Rv1226c	12	402	-5,06608919	-5,556228631	-22,86105264	1,13E-115	4,87E-114	1,19E-114	TRUE
Rv1228	113	126	-0,157100961	-0,647240401	-3,490743033	0,000482	0,00112497	0,00027489	TRUE
Rv1229c	79	176	-1,15565087	-1,645790311	-8,823659266	1,11E-18	7,68E-18	1,88E-18	TRUE
Rv1232c	58	158	-1,445799753	-1,935939193	-9,351705584	8,62E-21	6,54E-20	1,60E-20	TRUE
Rv1233c	21	86	-2,033947332	-2,524086772	-8,123330138	4,54E-16	2,75E-15	6,73E-16	TRUE
Rv1234	85	6	3,824428435	3,334288995	7,82232577	5,19E-15	3,00E-14	7,33E-15	TRUE
Rv1238	108	402	-1,896164189	-2,386303629	-17,00881692	7,07E-65	1,56E-63	3,81E-64	TRUE
Rv1239c	44	159	-1,853451337	-2,343590777	-10,58195326	3,61E-26	3,35E-25	8,19E-26	TRUE
Rv1241	40	7	2,514573173	2,024433733	4,088181528	4,35E-05	0,0001166	2,85E-05	TRUE
Rv1242	31	4	2,95419631	2,46405687	4,05919916	4,92E-05	0,00013103	3,20E-05	TRUE
Rv1248c	559	929	-0,732830314	-1,222969754	-16,22082826	3,59E-59	7,05E-58	1,72E-58	TRUE
Rv1249c	72	25	1,526068812	1,035929372	3,331184008	0,000865	0,00192199	0,00046965	TRUE
Rv1250	71	143	-1,010124217	-1,500263657	-7,435267969	1,04E-13	5,56E-13	1,36E-13	TRUE
Rv1252c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv1253	32	99	-1,62935662	-2,11949606	-7,850302729	4,15E-15	2,42E-14	5,90E-15	TRUE
Rv1255c	105	4	4,714245518	4,224106078	9,440308276	3,72E-21	2,86E-20	6,98E-21	TRUE
Rv1256c	184	3	5,938599455	5,448460015	13,03764415	7,47E-39	9,93E-38	2,43E-38	TRUE
Rv1259	112	26	2,106915204	1,616775764	5,863459546	4,53E-09	1,82E-08	4,45E-09	TRUE
Rv1263	33	6	2,459431619	1,969292179	3,646801958	0,000266	0,00064784	0,00015816	TRUE
Rv1264	135	263	-0,962103392	-1,452242832	-9,843222151	7,33E-23	6,09E-22	1,49E-22	TRUE
Rv1274	284	72	1,979822118	1,489682678	8,795462959	1,42E-18	9,81E-18	2,40E-18	TRUE
Rv1275	74	23	1,68589141	1,19575197	3,79167181	0,00015	0,00037674	9,21E-05	TRUE
Rv1281c	37	72	-0,960471636	-1,450611076	-5,145050393	2,67E-07	9,23E-07	2,25E-07	TRUE
Rv1282c	15	89	-2,568842835	-3,058982275	-9,128398473	6,95E-20	5,06E-19	1,24E-19	TRUE
Rv1284	11	93	-3,079727192	-3,569866633	-9,967032266	2,12E-23	1,81E-22	4,42E-23	TRUE
Rv1286	1206	1377	-0,191298652	-0,681438092	-12,09458007	1,13E-33	1,26E-32	3,08E-33	TRUE
Rv1288	63	115	-0,868210127	-1,358349567	-6,187190901	6,12E-10	2,63E-09	6,43E-10	TRUE
Rv1290c	34	110	-1,693896872	-2,184036312	-8,43213916	3,39E-17	2,17E-16	5,30E-17	TRUE
Rv1292	40	10	2	1,50986056	3,333424491	0,000858	0,00191366	0,00046748	TRUE
Rv1293	117	221	-0,91753784	-1,40767728	-8,8137159	1,21E-18	8,38E-18	2,05E-18	TRUE
Rv1294	122	342	-1,487115177	-1,977254617	-13,95381368	2,98E-44	4,60E-43	1,12E-43	TRUE

Rv1295	32	73	-1,189824559	-1,679963999	-5,765959407	8,12E-09	3,19E-08	7,79E-09	TRUE
Rv1296	241	518	-1,103918951	-1,594058391	-14,79795448	1,51E-49	2,58E-48	6,29E-49	TRUE
Rv1297	2808	847	1,729109061	1,238969621	24,06334807	6,05E-128	2,99E-126	7,31E-127	TRUE
Rv1298	555	250	1,150559677	0,660420237	6,295051311	3,07E-10	1,34E-09	3,28E-10	TRUE
Rv1299	906	362	1,323521353	0,833381913	9,852065207	6,71E-23	5,60E-22	1,37E-22	TRUE
Rv1300	621	262	1,245026457	0,754887017	7,488016085	6,99E-14	3,76E-13	9,18E-14	TRUE
Rv1301	169	49	1,786169592	1,296030152	6,103953349	1,03E-09	4,33E-09	1,06E-09	TRUE
Rv1302	174	70	1,313660479	0,823521039	4,271416423	1,94E-05	5,42E-05	1,32E-05	TRUE
Rv1303	40	9	2,152003093	1,661863653	3,573627395	0,000352	0,0008432	0,00020598	TRUE
Rv1304	80	7	3,514573173	3,024433733	7,263262718	3,78E-13	1,95E-12	4,76E-13	TRUE
Rv1305	51	7	2,86507042	2,37493098	5,096314956	3,46E-07	1,18E-06	2,89E-07	TRUE
Rv1306	59	10	2,560714954	2,070575514	5,037848148	4,71E-07	1,58E-06	3,86E-07	TRUE
Rv1307	127	153	-0,268703156	-0,758842596	-4,423600089	9,71E-06	2,81E-05	6,87E-06	TRUE
Rv1308	104	244	-1,230297619	-1,720437059	-10,7214918	8,07E-27	7,69E-26	1,88E-26	TRUE
Rv1309	64	88	-0,459431619	-0,949571059	-4,061255441	4,88E-05	0,00013028	3,18E-05	TRUE
Rv1310	162	315	-0,959358016	-1,449497456	-10,75768563	5,45E-27	5,24E-26	1,28E-26	TRUE
Rv1311	64	164	-1,357552005	-1,847691445	-9,23350766	2,62E-20	1,94E-19	4,74E-20	TRUE
Rv1316c	1	14	-3,807354922	-4,297494362	-4,103720019	4,07E-05	0,0001093	2,67E-05	TRUE
Rv1317c	16	355	-4,471675214	-4,961814654	-21,26644812	2,32E-100	8,24E-99	2,01E-99	TRUE
Rv1319c	15	44	-1,552541023	-2,042680463	-5,11126193	3,20E-07	1,10E-06	2,68E-07	TRUE
Rv1320c	10	43	-2,10433666	-2,5944761	-5,832516169	5,46E-09	2,18E-08	5,32E-09	TRUE
Rv1321	37	127	-1,779231321	-2,269370761	-9,276211454	1,76E-20	1,31E-19	3,21E-20	TRUE
Rv1322A	112	200	-0,836501268	-1,326640708	-8,013476948	1,12E-15	6,60E-15	1,61E-15	TRUE
Rv1324	94	308	-1,712197689	-2,202337129	-14,18468449	1,14E-45	1,81E-44	4,42E-45	TRUE
Rv1326c	105	333	-1,665132849	-2,155272289	-14,55242776	5,64E-48	9,41E-47	2,30E-47	TRUE
Rv1328	45	167	-1,891851196	-2,381990636	-10,94952997	6,68E-28	6,60E-27	1,61E-27	TRUE
Rv1330c	11	38	-1,788495895	-2,278635335	-5,086369555	3,65E-07	1,24E-06	3,03E-07	TRUE
Rv1332	232	60	1,9510904	1,460950959	7,834923673	4,69E-15	2,72E-14	6,65E-15	TRUE
Rv1333	39	90	-1,206450877	-1,696590318	-6,447075972	1,14E-10	5,09E-10	1,24E-10	TRUE
Rv1334	446	100	2,15704371	1,66690427	11,96139363	5,66E-33	6,14E-32	1,50E-32	TRUE
Rv1336	162	27	2,584962501	2,094823061	8,410651146	4,08E-17	2,59E-16	6,33E-17	TRUE
Rv1337	210	83	1,339206086	0,849066646	4,816845244	1,46E-06	4,70E-06	1,15E-06	TRUE
Rv1339	45	103	-1,194647431	-1,684786871	-6,863110418	6,74E-12	3,25E-11	7,94E-12	TRUE
Rv1340	29	199	-2,778643625	-3,268783065	-14,06586736	6,16E-45	9,58E-44	2,34E-44	TRUE
Rv1343c	10	28	-1,485426827	-1,975566267	-3,989497602	6,62E-05	0,00017353	4,24E-05	TRUE
Rv1344	16	57	-1,832890014	-2,323029454	-6,302276739	2,93E-10	1,28E-09	3,13E-10	TRUE
Rv1346	80	22	1,862496476	1,372357036	4,388290662	1,14E-05	3,28E-05	8,02E-06	TRUE

Rv1349	13	93	-2,838719093	-3,328858533	-9,690547526	3,31E-22	2,64E-21	6,45E-22	TRUE
Rv1350	16	60	-1,906890596	-2,397030036	-6,586970712	4,49E-11	2,06E-10	5,02E-11	TRUE
Rv1351	11	27	-1,295455884	-1,785595324	-3,659396841	0,000253	0,00061934	0,00015134	TRUE
Rv1353c	4	126	-4,977279923	-5,467419364	-12,78880801	1,89E-37	2,44E-36	5,96E-37	TRUE
Rv1355c	67	241	-1,846800146	-2,336939586	-13,00662017	1,12E-38	1,48E-37	3,62E-38	TRUE
Rv1357c	0	9	-4,169925001	-4,660064441	-3,350615657	0,000806	0,00180544	0,00044117	TRUE
Rv1358	28	77	-1,459431619	-1,949571059	-6,558487188	5,44E-11	2,47E-10	6,04E-11	TRUE
Rv1360	12	34	-1,502500341	-1,992639781	-4,421124277	9,82E-06	2,84E-05	6,94E-06	TRUE
Rv1364c	138	32	2,108524457	1,618385017	6,513311631	7,35E-11	3,33E-10	8,14E-11	TRUE
Rv1373	76	165	-1,118394701	-1,608534141	-8,404093873	4,31E-17	2,73E-16	6,68E-17	TRUE
Rv1375	123	24	2,357552005	1,867412565	6,795569454	1,08E-11	5,13E-11	1,25E-11	TRUE
Rv1377c	17	56	-1,719892081	-2,210031521	-6,060411122	1,36E-09	5,63E-09	1,38E-09	TRUE
Rv1378c	27	50	-0,888968688	-1,379108128	-4,126949725	3,68E-05	9,93E-05	2,43E-05	TRUE
Rv1379	24	111	-2,209453366	-2,699592806	-9,574958621	1,02E-21	7,96E-21	1,94E-21	TRUE
Rv1384	11	91	-3,048363022	-3,538502462	-9,825910576	8,71E-23	7,22E-22	1,76E-22	TRUE
Rv1386	287	76	1,916979413	1,426839973	8,561577409	1,11E-17	7,25E-17	1,77E-17	TRUE
Rv1387	761	350	1,120541532	0,630402092	7,074171914	1,50E-12	7,46E-12	1,82E-12	TRUE
Rv1389	65	21	1,63005039	1,13991095	3,420594646	0,000625	0,00142942	0,00034929	TRUE
Rv1390	303	74	2,033720618	1,543581178	9,326179437	1,10E-20	8,29E-20	2,03E-20	TRUE
Rv1392	676	587	0,203662743	-0,286476697	-3,552131848	0,000382	0,00090987	0,00022233	TRUE
Rv1395	313	535	-0,773376234	-1,263515674	-12,62393568	1,56E-36	1,91E-35	4,68E-36	TRUE
Rv1397c	481	49	3,29518324	2,8050438	17,16060493	5,24E-66	1,18E-64	2,87E-65	TRUE
Rv1398c	2903	449	2,692757222	2,202617782	36,79006376	2,66E-296	5,77E-294	1,41E-294	TRUE
Rv1401	11	92	-3,064130337	-3,554269777	-9,896699693	4,30E-23	3,62E-22	8,85E-23	TRUE
Rv1403c	118	5	4,560714954	4,070575514	9,903981367	4,00E-23	3,38E-22	8,26E-23	TRUE
Rv1405c	740	76	3,283453947	2,793314507	21,24134292	3,96E-100	1,39E-98	3,41E-99	TRUE
Rv1407	56	106	-0,920565533	-1,410704973	-6,113330513	9,76E-10	4,10E-09	1,00E-09	TRUE
Rv1409	36	144	-2	-2,49013944	-10,43171032	1,78E-25	1,59E-24	3,90E-25	TRUE
Rv1415	196	54	1,859822342	1,369682902	6,859050868	6,93E-12	3,33E-11	8,14E-12	TRUE
Rv1420	100	133	-0,411426246	-0,901565686	-4,780223871	1,75E-06	5,60E-06	1,37E-06	TRUE
Rv1421	42	69	-0,716207034	-1,206346474	-4,369712737	1,24E-05	3,55E-05	8,68E-06	TRUE
Rv1427c	4	22	-2,459431619	-2,949571059	-4,459773863	8,20E-06	2,39E-05	5,85E-06	TRUE
Rv1429	92	128	-0,476438044	-0,966577484	-4,971306772	6,65E-07	2,21E-06	5,41E-07	TRUE
Rv1433	15	75	-2,321928095	-2,812067535	-8,040066563	8,98E-16	5,35E-15	1,31E-15	TRUE
Rv1439c	25	4	2,64385619	2,15371675	3,362189686	0,000773	0,00174293	0,00042553	TRUE
Rv1443c	12	92	-2,938599455	-3,428738895	-9,757134402	1,72E-22	1,40E-21	3,42E-22	TRUE
Rv1445c	8	42	-2,392317423	-2,882456863	-6,092360002	1,11E-09	4,65E-09	1,14E-09	TRUE

Rv1448c	66	178	-1,431339312	-1,921478752	-9,876679119	5,25E-23	4,41E-22	1,08E-22	TRUE
Rv1451	73	18	2,019899557	1,529760117	4,546941214	5,44E-06	1,62E-05	3,96E-06	TRUE
Rv1455	40	5	3	2,50986056	4,659537972	3,17E-06	9,78E-06	2,39E-06	TRUE
Rv1460	182	387	-1,088395116	-1,578534556	-12,69886955	6,00E-37	7,58E-36	1,85E-36	TRUE
Rv1465	32	60	-0,906890596	-1,397030036	-4,565434518	4,98E-06	1,49E-05	3,65E-06	TRUE
Rv1466	64	173	-1,434628228	-1,924767668	-9,748046118	1,88E-22	1,53E-21	3,73E-22	TRUE
Rv1468c	25	62	-1,310340121	-1,800479561	-5,577247193	2,44E-08	9,15E-08	2,24E-08	TRUE
Rv1469	9	66	-2,874469118	-3,364608558	-8,200157515	2,40E-16	1,48E-15	3,61E-16	TRUE
Rv1473	426	214	0,993242634	0,503103194	4,317150158	1,58E-05	4,45E-05	1,09E-05	TRUE
Rv1474c	20	2	3,321928095	2,831788655	3,515665651	0,000439	0,00103034	0,00025169	TRUE
Rv1475c	210	55	1,932885804	1,442746364	7,384470927	1,53E-13	8,06E-13	1,97E-13	TRUE
Rv1476	28	68	-1,280107919	-1,770247359	-5,773001421	7,79E-09	3,06E-08	7,48E-09	TRUE
Rv1484	25	68	-1,443606651	-1,933746092	-6,130013241	8,79E-10	3,71E-09	9,06E-10	TRUE
Rv1485	41	226	-2,462626958	-2,952766398	-14,3031035	2,09E-46	3,40E-45	8,32E-46	TRUE
Rv1487	150	198	-0,40053793	-0,89067737	-5,773336806	7,77E-09	3,06E-08	7,48E-09	TRUE
Rv1488	135	145	-0,103093493	-0,593232933	-3,464585875	0,000531	0,00122707	0,00029984	TRUE
Rv1490	30	80	-1,415037499	-1,905176939	-6,583272947	4,60E-11	2,10E-10	5,14E-11	TRUE
Rv1492	124	36	1,784271309	1,294131869	5,222428548	1,77E-07	6,21E-07	1,52E-07	TRUE
Rv1495	4	63	-3,977279923	-4,467419364	-8,787058407	1,54E-18	1,05E-17	2,57E-18	TRUE
Rv1496	37	67	-0,856635825	-1,346775265	-4,691572271	2,71E-06	8,47E-06	2,07E-06	TRUE
Rv1502	36	115	-1,67556505	-2,16570449	-8,57651667	9,78E-18	6,39E-17	1,56E-17	TRUE
Rv1506c	54	0	6,754887502	6,264748062	7,049782203	1,79E-12	8,87E-12	2,17E-12	TRUE
Rv1507c	26	96	-1,884522783	-2,374662223	-8,286425384	1,17E-16	7,23E-16	1,77E-16	TRUE
Rv1510	40	67	-0,744161096	-1,234300536	-4,384396116	1,16E-05	3,33E-05	8,15E-06	TRUE
Rv1515c	5	65	-3,700439718	-4,190579158	-8,783804378	1,58E-18	1,08E-17	2,65E-18	TRUE
Rv1517	18	0	5,169925001	4,679785561	4,001442646	6,30E-05	0,00016528	4,04E-05	TRUE
Rv1522c	133	25	2,411426246	1,921286806	7,202749669	5,90E-13	3,00E-12	7,33E-13	TRUE
Rv1524	5	64	-3,678071905	-4,168211345	-8,70311897	3,23E-18	2,17E-17	5,31E-18	TRUE
Rv1526c	62	17	1,866733469	1,376594029	3,872230903	0,000108	0,00027543	6,73E-05	TRUE
Rv1527c	779	126	2,628199595	2,138060155	18,68904119	6,08E-78	1,59E-76	3,89E-77	TRUE
Rv1528c	921	4451	-2,272856439	-2,762995879	-61,52260241	0	0	0	TRUE
Rv1529	145	155	-0,096215315	-0,586354755	-3,544795403	0,000393	0,00093273	0,00022792	TRUE
Rv1531	21	72	-1,777607579	-2,267747019	-6,981216002	2,93E-12	1,43E-11	3,49E-12	TRUE
Rv1532c	42	3	3,807354922	3,317215482	5,486565619	4,10E-08	1,51E-07	3,69E-08	TRUE
Rv1533	2701	182	3,891483284	3,401343844	44,4979378	0	0	0	TRUE
Rv1534	61	8	2,930737338	2,440597898	5,66292813	1,49E-08	5,69E-08	1,39E-08	TRUE
Rv1535	161	257	-0,674707671	-1,164847111	-8,20336574	2,34E-16	1,44E-15	3,52E-16	TRUE

Rv1538c	12	26	-1,115477217	-1,605616657	-3,331333345	0,000864	0,0019226	0,00046965	TRUE
Rv1541c	2	104	-5,700439718	-6,190579158	-11,60601217	3,84E-31	4,10E-30	1,00E-30	TRUE
Rv1542c	2	119	-5,894817763	-6,384957203	-12,38051341	3,33E-35	3,88E-34	9,49E-35	TRUE
Rv1543	38	78	-1,037474705	-1,527614145	-5,564674536	2,63E-08	9,81E-08	2,40E-08	TRUE
Rv1544	29	45	-0,633872101	-1,124011541	-3,335189372	0,000852	0,00190319	0,00046506	TRUE
Rv1547	62	153	-1,303191532	-1,793330972	-8,737957593	2,37E-18	1,61E-17	3,93E-18	TRUE
Rv1551	2	14	-2,807354922	-3,297494362	-3,74459426	0,000181	0,00044999	0,00010996	TRUE
Rv1552	48	4	3,584962501	3,094823061	5,687177019	1,29E-08	4,97E-08	1,21E-08	TRUE
Rv1553	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv1557	46	89	-0,952171475	-1,442310915	-5,695833936	1,23E-08	4,73E-08	1,16E-08	TRUE
Rv1558	8	153	-4,257387843	-4,747527283	-13,86306744	1,06E-43	1,62E-42	3,95E-43	TRUE
Rv1559	44	82	-0,898120386	-1,388259826	-5,311862647	1,09E-07	3,88E-07	9,47E-08	TRUE
Rv1561	16	1	4	3,50986056	3,465376216	0,000529	0,00122564	0,00029914	TRUE
Rv1562c	14	117	-3,063009798	-3,553149238	-11,1594108	6,44E-29	6,57E-28	1,60E-28	TRUE
Rv1563c	8	92	-3,523561956	-4,013701396	-10,32064817	5,68E-25	5,05E-24	1,23E-24	TRUE
Rv1564c	38	466	-3,616258631	-4,106398071	-23,38840106	5,61E-121	2,55E-119	6,22E-120	TRUE
Rv1573	3	23	-2,938599455	-3,428738895	-4,87842283	1,07E-06	3,49E-06	8,54E-07	TRUE
Rv1576c	203	407	-1,003549067	-1,493688507	-12,50574036	6,94E-36	8,22E-35	2,01E-35	TRUE
Rv1577c	204	222	-0,121990524	-0,612129964	-4,409381451	1,04E-05	2,99E-05	7,31E-06	TRUE
Rv1578c	42	1	5,392317423	4,902177983	6,160744652	7,24E-10	3,09E-09	7,54E-10	TRUE
Rv1580c	16	1	4	3,50986056	3,465376216	0,000529	0,00122564	0,00029914	TRUE
Rv1582c	64	19	1,752072487	1,261933047	3,678884561	0,000234	0,0005746	0,00014041	TRUE
Rv1585c	48	5	3,263034406	2,772894966	5,387939222	7,13E-08	2,58E-07	6,31E-08	TRUE
Rv1586c	720	11	6,032421478	5,542282038	25,81334509	6,28E-147	3,66E-145	8,94E-146	TRUE
Rv1589	197	42	2,229734397	1,739594957	8,191291915	2,58E-16	1,58E-15	3,87E-16	TRUE
Rv1590	49	1	5,614709844	5,124570404	6,693273368	2,18E-11	1,02E-10	2,50E-11	TRUE
Rv1591	110	20	2,459431619	1,969292179	6,658378597	2,77E-11	1,29E-10	3,15E-11	TRUE
Rv1592c	177	47	1,913016698	1,422877258	6,709045402	1,96E-11	9,21E-11	2,25E-11	TRUE
Rv1593c	356	18	4,30580843	3,815668989	16,85470183	9,69E-64	2,10E-62	5,14E-63	TRUE
Rv1594	827	23	5,168181563	4,678042123	27,12514515	4,98E-162	3,47E-160	8,48E-161	TRUE
Rv1595	294	103	1,513171818	1,023032378	6,663520659	2,67E-11	1,25E-10	3,05E-11	TRUE
Rv1596	327	15	4,44625623	3,95611679	16,34532075	4,70E-60	9,41E-59	2,30E-59	TRUE
Rv1597	81	5	4,017921908	3,527782468	7,812758517	5,59E-15	3,22E-14	7,87E-15	TRUE
Rv1598c	97	18	2,429987841	1,939848401	6,190544789	6,00E-10	2,58E-09	6,30E-10	TRUE
Rv1600	46	88	-0,935869663	-1,426009103	-5,615568211	1,96E-08	7,41E-08	1,81E-08	TRUE
Rv1601	17	62	-1,866733469	-2,356872909	-6,629664171	3,36E-11	1,55E-10	3,79E-11	TRUE
Rv1602	31	65	-1,068171503	-1,558310943	-5,15435709	2,55E-07	8,80E-07	2,15E-07	TRUE

Rv1604	20	113	-2,498250868	-2,988390308	-10,17225915	2,64E-24	2,30E-23	5,63E-24	TRUE
Rv1606	8	39	-2,285402219	-2,775541659	-5,758693668	8,48E-09	3,32E-08	8,10E-09	TRUE
Rv1607	22	39	-0,8259706	-1,31611004	-3,51647553	0,000437	0,00102813	0,00025123	TRUE
Rv1618	27	100	-1,888968688	-2,379108128	-8,466626266	2,53E-17	1,62E-16	3,96E-17	TRUE
Rv1620c	13	86	-2,725825037	-3,215964477	-9,180522662	4,29E-20	3,13E-19	7,65E-20	TRUE
Rv1622c	49	3	4,029747343	3,539607903	6,084420367	1,17E-09	4,88E-09	1,19E-09	TRUE
Rv1623c	56	7	3	2,50986056	5,513276715	3,52E-08	1,30E-07	3,19E-08	TRUE
Rv1626	90	34	1,404390255	0,914250815	3,357010592	0,000788	0,00176825	0,00043208	TRUE
Rv1627c	198	202	-0,028854863	-0,518994303	-3,624084889	0,00029	0,00070335	0,00017178	TRUE
Rv1628c	281	131	1,101003319	0,610863879	4,17797933	2,94E-05	8,03E-05	1,96E-05	TRUE
Rv1629	17	46	-1,436099115	-1,926238555	-5,028687529	4,94E-07	1,66E-06	4,05E-07	TRUE
Rv1630	246	272	-0,144948336	-0,635087776	-5,043960402	4,56E-07	1,54E-06	3,75E-07	TRUE
Rv1631	93	142	-0,610588308	-1,100727748	-5,825865845	5,68E-09	2,26E-08	5,53E-09	TRUE
Rv1636	75	8	3,22881869	2,73867925	6,691447664	2,21E-11	1,03E-10	2,53E-11	TRUE
Rv1639c	61	77	-0,336049203	-0,826188643	-3,376744312	0,000733	0,00166046	0,00040574	TRUE
Rv1640c	90	23	1,96829114	1,4781517	4,92224841	8,56E-07	2,81E-06	6,87E-07	TRUE
Rv1645c	140	149	-0,089885504	-0,580024944	-3,441741219	0,000578	0,00133001	0,000325	TRUE
Rv1649	13	141	-3,439111634	-3,929251074	-12,69261031	6,50E-37	8,19E-36	2,00E-36	TRUE
Rv1651c	75	14	2,421463768	1,931324328	5,427473561	5,72E-08	2,09E-07	5,11E-08	TRUE
Rv1652	48	157	-1,709658248	-2,199797688	-10,11908413	4,55E-24	3,95E-23	9,66E-24	TRUE
Rv1654	35	76	-1,118644496	-1,608783937	-5,703917022	1,17E-08	4,52E-08	1,11E-08	TRUE
Rv1659	21	0	5,392317423	4,902177983	4,356287558	1,32E-05	3,76E-05	9,19E-06	TRUE
Rv1662	222	860	-1,953776983	-2,443916423	-25,23208456	1,78E-140	9,66E-139	2,36E-139	TRUE
Rv1663	259	993	-1,93884162	-2,42898106	-27,01945263	8,73E-161	5,98E-159	1,46E-159	TRUE
Rv1664	224	324	-0,532495081	-1,022634521	-8,288694886	1,14E-16	7,11E-16	1,74E-16	TRUE
Rv1665	191	268	-0,488660362	-0,978799802	-7,269944464	3,60E-13	1,86E-12	4,54E-13	TRUE
Rv1669	24	52	-1,115477217	-1,605616657	-4,711315623	2,46E-06	7,71E-06	1,88E-06	TRUE
Rv1670	15	36	-1,263034406	-1,753173846	-4,172188065	3,02E-05	8,23E-05	2,01E-05	TRUE
Rv1672c	41	143	-1,802319332	-2,292458772	-9,903745429	4,01E-23	3,38E-22	8,26E-23	TRUE
Rv1674c	34	6	2,502500341	2,0123609	3,754475262	0,000174	0,00043371	0,00010591	TRUE
Rv1677	2	12	-2,584962501	-3,075101941	-3,3600313	0,000779	0,00175205	0,00042788	TRUE
Rv1678	7	43	-2,618909833	-3,109049273	-6,393028567	1,63E-10	7,22E-10	1,76E-10	TRUE
Rv1679	6	39	-2,700439718	-3,190579158	-6,160413248	7,26E-10	3,09E-09	7,55E-10	TRUE
Rv1683	59	106	-0,845277405	-1,335416845	-5,863076706	4,54E-09	1,83E-08	4,46E-09	TRUE
Rv1684	4	50	-3,64385619	-4,13399563	-7,674732979	1,66E-14	9,23E-14	2,26E-14	TRUE
Rv1690	10	59	-2,560714954	-3,050854395	-7,422931959	1,15E-13	6,09E-13	1,49E-13	TRUE
Rv1691	12	44	-1,874469118	-2,364608558	-5,595746826	2,20E-08	8,26E-08	2,02E-08	TRUE

Rv1692	9	30	-1,736965594	-2,227105034	-4,456753187	8,32E-06	2,42E-05	5,93E-06	TRUE
Rv1696	59	91	-0,625151591	-1,115291031	-4,713329712	2,44E-06	7,64E-06	1,87E-06	TRUE
Rv1697	17	40	-1,234465254	-1,724604694	-4,347691391	1,38E-05	3,90E-05	9,54E-06	TRUE
Rv1699	79	109	-0,464403577	-0,954543017	-4,539784443	5,63E-06	1,67E-05	4,08E-06	TRUE
Rv1701	12	101	-3,073248982	-3,563388422	-10,37971056	3,07E-25	2,74E-24	6,70E-25	TRUE
Rv1705c	41	6	2,772589504	2,282450064	4,46243208	8,10E-06	2,37E-05	5,78E-06	TRUE
Rv1706c	10	26	-1,378511623	-1,868651063	-3,704318614	0,000212	0,00052155	0,00012744	TRUE
Rv1714	153	16	3,257387843	2,767248403	9,609592804	7,28E-22	5,72E-21	1,40E-21	TRUE
Rv1718	74	3	4,624490865	4,134351425	7,878286785	3,32E-15	1,94E-14	4,73E-15	TRUE
Rv1719	63	5	3,655351829	3,165212389	6,582913028	4,61E-11	2,10E-10	5,14E-11	TRUE
Rv1722	48	12	2	1,50986056	3,651600921	0,000261	0,00063725	0,00015572	TRUE
Rv1724c	30	1	4,906890596	4,416751156	5,1028704	3,35E-07	1,14E-06	2,80E-07	TRUE
Rv1726	3	19	-2,662965013	-3,153104453	-4,277001811	1,89E-05	5,30E-05	1,29E-05	TRUE
Rv1733c	42	116	-1,465663572	-1,955803012	-8,067080659	7,20E-16	4,32E-15	1,06E-15	TRUE
Rv1736c	59	343	-2,539421717	-3,029561157	-17,84095518	3,40E-71	8,04E-70	1,97E-70	TRUE
Rv1737c	21	76	-1,855610091	-2,345749531	-7,319626697	2,49E-13	1,29E-12	3,16E-13	TRUE
Rv1738	275	2478	-3,171672664	-3,661812104	-51,98872489	0	0	0	TRUE
Rv1741	105	7	3,906890596	3,416751156	8,782691651	1,60E-18	1,09E-17	2,67E-18	TRUE
Rv1749c	117	353	-1,593159654	-2,083299094	-14,66476366	1,08E-48	1,82E-47	4,46E-48	TRUE
Rv1750c	87	629	-2,853972711	-3,344112151	-25,25645845	9,62E-141	5,29E-139	1,29E-139	TRUE
Rv1753c	31	5	2,632268215	2,142128775	3,731327674	0,00019	0,0004718	0,00011525	TRUE
Rv1754c	1	38	-5,247927513	-5,738066953	-7,03304115	2,02E-12	9,96E-12	2,43E-12	TRUE
Rv1755c	18	0	5,169925001	4,679785561	4,001442646	6,30E-05	0,00016528	4,04E-05	TRUE
Rv1760	209	310	-0,568765273	-1,058904713	-8,342450814	7,28E-17	4,56E-16	1,11E-16	TRUE
Rv1763	23	40	-0,798366139	-1,288505579	-3,503300345	0,00046	0,00107453	0,00026257	TRUE
Rv1764	19	45	-1,243925583	-1,734065023	-4,629141499	3,67E-06	1,12E-05	2,74E-06	TRUE
Rv1767	156	17	3,197939378	2,707799938	9,593232772	8,54E-22	6,69E-21	1,64E-21	TRUE
Rv1770	126	259	-1,039528364	-1,529667804	-10,15164344	3,26E-24	2,84E-23	6,94E-24	TRUE
Rv1773c	64	98	-0,614709844	-1,104849284	-4,854269304	1,21E-06	3,94E-06	9,62E-07	TRUE
Rv1774	118	34	1,795180208	1,305040768	5,127733511	2,93E-07	1,01E-06	2,47E-07	TRUE
Rv1775	183	32	2,515699838	2,025560398	8,748093212	2,17E-18	1,47E-17	3,60E-18	TRUE
Rv1776c	28	4	2,807354922	2,317215482	3,721387151	0,000198	0,00048922	0,00011951	TRUE
Rv1777	19	99	-2,381429107	-2,871568547	-9,336137159	9,99E-21	7,56E-20	1,85E-20	TRUE
Rv1779c	88	183	-1,05626822	-1,54640766	-8,601047707	7,90E-18	5,23E-17	1,28E-17	TRUE
Rv1780	10	123	-3,62058641	-4,11072585	-12,01825317	2,85E-33	3,14E-32	7,68E-33	TRUE
Rv1782	647	232	1,479640907	0,989501467	9,619286835	6,63E-22	5,22E-21	1,28E-21	TRUE
Rv1785c	39	6	2,700439718	2,210300278	4,267677572	1,98E-05	5,51E-05	1,35E-05	TRUE

Rv1789	73	126	-0,787455365	-1,277594805	-6,177239264	6,52E-10	2,80E-09	6,84E-10	TRUE
Rv1790	18	56	-1,637429921	-2,127569361	-5,918255403	3,25E-09	1,32E-08	3,23E-09	TRUE
Rv1793	384	543	-0,499845887	-0,989985327	-10,4490212	1,48E-25	1,34E-24	3,26E-25	TRUE
Rv1794	199	241	-0,276264716	-0,766404156	-5,600371264	2,14E-08	8,05E-08	1,97E-08	TRUE
Rv1795	367	690	-0,910816299	-1,400955739	-15,52356077	2,40E-54	4,41E-53	1,08E-53	TRUE
Rv1796	280	532	-0,925999419	-1,416138859	-13,74044691	5,81E-43	8,63E-42	2,11E-42	TRUE
Rv1797	204	406	-0,992910575	-1,483050015	-12,42429591	1,93E-35	2,27E-34	5,54E-35	TRUE
Rv1798	206	221	-0,101402032	-0,591541472	-4,266665593	1,98E-05	5,53E-05	1,35E-05	TRUE
Rv1799	11	34	-1,628031223	-2,118170663	-4,598511656	4,26E-06	1,29E-05	3,15E-06	TRUE
Rv1800	249	82	1,602449927	1,112310487	6,564951239	5,20E-11	2,37E-10	5,79E-11	TRUE
Rv1804c	19	91	-2,259867127	-2,750006567	-8,754521088	2,05E-18	1,39E-17	3,41E-18	TRUE
Rv1806	1346	240	2,487572099	1,997432659	23,52382851	2,33E-122	1,07E-120	2,61E-121	TRUE
Rv1808	1191	552	1,109433241	0,619293801	8,713777556	2,94E-18	1,99E-17	4,85E-18	TRUE
Rv1811	303	114	1,410283969	0,920144529	6,193943746	5,87E-10	2,53E-09	6,17E-10	TRUE
Rv1813c	112	33	1,762960803	1,272821363	4,899595987	9,60E-07	3,14E-06	7,68E-07	TRUE
Rv1814	92	162	-0,816288047	-1,306427487	-7,126929411	1,03E-12	5,14E-12	1,26E-12	TRUE
Rv1816	63	82	-0,380272081	-0,870411521	-3,643164408	0,000269	0,00065605	0,00016031	TRUE
Rv1817	165	24	2,781359714	2,291220273	8,973287125	2,88E-19	2,04E-18	4,98E-19	TRUE
Rv1818c	16	47	-1,554588852	-2,044728292	-5,286067175	1,25E-07	4,44E-07	1,09E-07	TRUE
Rv1826	66	11	2,584962501	2,094823061	5,368140403	7,96E-08	2,87E-07	7,02E-08	TRUE
Rv1827	578	237	1,286182434	0,796042994	7,563538088	3,92E-14	2,12E-13	5,19E-14	TRUE
Rv1829	58	103	-0,828519532	-1,318658972	-5,723571753	1,04E-08	4,05E-08	9,90E-09	TRUE
Rv1832	429	543	-0,33997455	-0,83011399	-9,008023986	2,10E-19	1,50E-18	3,65E-19	TRUE
Rv1835c	35	56	-0,678071905	-1,168211345	-3,837397066	0,000124	0,00031592	7,72E-05	TRUE
Rv1837c	98	22	2,155278225	1,665138785	5,601638033	2,12E-08	8,00E-08	1,95E-08	TRUE
Rv1838c	27	0	5,754887502	5,264748062	4,981858627	6,30E-07	2,10E-06	5,14E-07	TRUE
Rv1842c	47	195	-2,052741462	-2,542880902	-12,28392011	1,11E-34	1,28E-33	3,13E-34	TRUE
Rv1843c	138	162	-0,231325546	-0,721464986	-4,355814499	1,33E-05	3,77E-05	9,21E-06	TRUE
Rv1845c	80	20	2	1,50986056	4,714286094	2,43E-06	7,61E-06	1,86E-06	TRUE
Rv1847	8	91	-3,50779464	-3,99793408	-10,25205336	1,16E-24	1,02E-23	2,50E-24	TRUE
Rv1848	13	287	-4,464467209	-4,954606649	-19,11725202	1,81E-81	4,99E-80	1,22E-80	TRUE
Rv1849	8	63	-2,977279923	-3,467419364	-8,110619942	5,04E-16	3,04E-15	7,43E-16	TRUE
Rv1850	47	79	-0,749191896	-1,239331337	-4,776156669	1,79E-06	5,71E-06	1,39E-06	TRUE
Rv1855c	95	28	1,762500686	1,272361246	4,5111359	6,45E-06	1,90E-05	4,64E-06	TRUE
Rv1857	19	88	-2,211504105	-2,701643545	-8,528775317	1,48E-17	9,56E-17	2,34E-17	TRUE
Rv1870c	258	113	1,191048293	0,700908853	4,522229782	6,12E-06	1,81E-05	4,42E-06	TRUE
Rv1871c	484	643	-0,40981169	-0,89995113	-10,50024348	8,62E-26	7,88E-25	1,93E-25	TRUE

Rv1872c	1372	1407	-0,036341847	-0,526481287	-9,703785259	2,91E-22	2,33E-21	5,70E-22	TRUE
Rv1874	92	118	-0,359081093	-0,849220533	-4,279767281	1,87E-05	5,24E-05	1,28E-05	TRUE
Rv1876	203	16	3,665335917	3,175196477	11,8340247	2,60E-32	2,81E-31	6,86E-32	TRUE
Rv1877	402	75	2,422233001	1,932093561	12,57094763	3,05E-36	3,69E-35	9,01E-36	TRUE
Rv1878	104	10	3,378511623	2,888372183	8,097605024	5,61E-16	3,38E-15	8,25E-16	TRUE
Rv1879	93	17	2,45169597	1,96155653	6,106365161	1,02E-09	4,28E-09	1,04E-09	TRUE
Rv1882c	51	9	2,502500341	2,0123609	4,598313319	4,26E-06	1,29E-05	3,15E-06	TRUE
Rv1883c	80	141	-0,817623258	-1,307762698	-6,654102232	2,85E-11	1,32E-10	3,23E-11	TRUE
Rv1887	82	192	-1,227410496	-1,717549936	-9,499075312	2,12E-21	1,64E-20	4,01E-21	TRUE
Rv1891	74	131	-0,823969636	-1,314109076	-6,437784277	1,21E-10	5,41E-10	1,32E-10	TRUE
Rv1893	13	59	-2,182203331	-2,672342771	-6,942785624	3,84E-12	1,87E-11	4,56E-12	TRUE
Rv1894c	782	56	3,803669875	3,313530435	23,66879108	7,56E-124	3,56E-122	8,69E-123	TRUE
Rv1895	587	44	3,737785074	3,247645634	20,3283765	7,22E-92	2,27E-90	5,55E-91	TRUE
Rv1898	41	180	-2,134301092	-2,624440532	-12,00946342	3,17E-33	3,48E-32	8,49E-33	TRUE
Rv1900c	28	85	-1,602036014	-2,092175454	-7,214329458	5,42E-13	2,77E-12	6,76E-13	TRUE
Rv1902c	46	177	-1,944043594	-2,434183034	-11,41592256	3,48E-30	3,65E-29	8,91E-30	TRUE
Rv1904	141	43	1,713286598	1,223147158	5,328674979	9,89E-08	3,54E-07	8,66E-08	TRUE
Rv1906c	118	24	2,297680549	1,807541109	6,509796472	7,53E-11	3,41E-10	8,32E-11	TRUE
Rv1908c	1253	1029	0,284143432	-0,205996008	-3,431351955	0,000601	0,00137795	0,00033671	TRUE
Rv1909c	124	30	2,047305715	1,557166275	6,003861286	1,93E-09	7,93E-09	1,94E-09	TRUE
Rv1911c	132	141	-0,095157233	-0,585296673	-3,375383738	0,000737	0,00166772	0,00040752	TRUE
Rv1912c	41	4	3,357552005	2,867412565	5,065662123	4,07E-07	1,38E-06	3,37E-07	TRUE
Rv1915	249	104	1,259562214	0,769422774	4,819308006	1,44E-06	4,65E-06	1,14E-06	TRUE
Rv1919c	28	48	-0,777607579	-1,267747019	-3,7894815	0,000151	0,00037959	9,28E-05	TRUE
Rv1920	35	53	-0,598637438	-1,088776878	-3,52756926	0,000419	0,00098837	0,00024151	TRUE
Rv1927	22	99	-2,169925001	-2,660064441	-8,971378188	2,93E-19	2,07E-18	5,06E-19	TRUE
Rv1928c	86	22	1,966833136	1,476693696	4,808079124	1,52E-06	4,90E-06	1,20E-06	TRUE
Rv1931c	16	33	-1,044394119	-1,534533559	-3,631409209	0,000282	0,00068539	0,00016748	TRUE
Rv1933c	10	124	-3,632268215	-4,122407656	-12,07683095	1,40E-33	1,56E-32	3,81E-33	TRUE
Rv1934c	34	0	6,087462841	5,597323401	5,610779812	2,01E-08	7,60E-08	1,86E-08	TRUE
Rv1935c	75	4	4,22881869	3,73867925	7,681321146	1,57E-14	8,78E-14	2,15E-14	TRUE
Rv1936	811	11	6,204126486	5,713987046	27,41699296	1,72E-165	1,24E-163	3,04E-164	TRUE
Rv1937	441	117	1,914270126	1,424130686	10,59867567	3,02E-26	2,82E-25	6,88E-26	TRUE
Rv1938	179	14	3,676460855	3,186321415	11,12984551	8,98E-29	9,08E-28	2,22E-28	TRUE
Rv1939	74	5	3,887525271	3,397385831	7,355864001	1,90E-13	9,93E-13	2,43E-13	TRUE
Rv1949c	46	9	2,353636955	1,863497515	4,149711128	3,33E-05	9,03E-05	2,21E-05	TRUE
Rv1950c	128	22	2,540568381	2,050428941	7,374094916	1,65E-13	8,70E-13	2,13E-13	TRUE

Rv1951c	22	3	2,874469118	2,384329678	3,354941462	0,000794	0,00177948	0,00043458	TRUE
Rv1952	36	2	4,169925001	3,679785561	5,291617937	1,21E-07	4,32E-07	1,06E-07	TRUE
Rv1953	29	5	2,5360529	2,04591346	3,50480564	0,000457	0,00107008	0,00026124	TRUE
Rv1954A	1344	9	7,222392421	6,732252981	34,85828911	3,19E-266	5,93E-264	1,45E-264	TRUE
Rv1955	533	3	7,473029222	6,982889782	21,7994931	2,35E-105	8,48E-104	2,07E-104	TRUE
Rv1956	405	81	2,321928095	1,831788655	12,17256975	4,35E-34	4,94E-33	1,21E-33	TRUE
Rv1957	185	2	6,531381461	6,04124202	13,08022018	4,27E-39	5,71E-38	1,40E-38	TRUE
Rv1958c	70	5	3,807354922	3,317215482	7,083188701	1,41E-12	7,01E-12	1,71E-12	TRUE
Rv1959c	186	13	3,838719093	3,348579653	11,59253826	4,50E-31	4,78E-30	1,17E-30	TRUE
Rv1960c	48	4	3,584962501	3,094823061	5,687177019	1,29E-08	4,97E-08	1,21E-08	TRUE
Rv1961	50	3	4,058893689	3,568754249	6,165584334	7,02E-10	3,00E-09	7,33E-10	TRUE
Rv1962A	30	4	2,906890596	2,416751156	3,948765691	7,86E-05	0,00020329	4,97E-05	TRUE
Rv1962c	46	2	4,523561956	4,033422516	6,166718024	6,97E-10	2,99E-09	7,29E-10	TRUE
Rv1964	51	4	3,672425342	3,182285902	5,937212204	2,90E-09	1,18E-08	2,89E-09	TRUE
Rv1965	61	7	3,123382416	2,633242975	5,909313475	3,44E-09	1,39E-08	3,40E-09	TRUE
Rv1966	51	6	3,087462841	2,597323401	5,362828088	8,19E-08	2,95E-07	7,21E-08	TRUE
Rv1968	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv1971	23	2	3,523561956	3,033422516	3,899907717	9,62E-05	0,00024706	6,03E-05	TRUE
Rv1976c	62	7	3,146841388	2,656701948	5,986244891	2,15E-09	8,81E-09	2,15E-09	TRUE
Rv1979c	69	402	-2,542527234	-3,032666674	-19,32448113	3,34E-83	9,82E-82	2,40E-82	TRUE
Rv1982c	79	102	-0,368644594	-0,858784034	-4,017126844	5,89E-05	0,00015523	3,79E-05	TRUE
Rv1985c	448	164	1,449802917	0,959663477	7,802211789	6,08E-15	3,49E-14	8,54E-15	TRUE
Rv1986	312	129	1,274174963	0,784035523	5,483448544	4,17E-08	1,54E-07	3,75E-08	TRUE
Rv1987	51	332	-2,702614089	-3,192753529	-17,98200211	2,70E-72	6,58E-71	1,61E-71	TRUE
Rv1988	10	33	-1,722466024	-2,212605465	-4,655542579	3,23E-06	9,96E-06	2,43E-06	TRUE
Rv1989c	318	1214	-1,932669751	-2,422809191	-29,83525819	1,36E-195	1,27E-193	3,10E-194	TRUE
Rv1990c	434	1491	-1,78051331	-2,27065275	-31,82264584	3,15E-222	3,61E-220	8,83E-221	TRUE
Rv1991A	59	240	-2,024247546	-2,514386986	-13,54215496	8,82E-42	1,28E-40	3,13E-41	TRUE
Rv1991c	23	62	-1,430634354	-1,920773794	-5,827121152	5,64E-09	2,25E-08	5,49E-09	TRUE
Rv1992c	170	274	-0,688641147	-1,178780587	-8,551113036	1,22E-17	7,92E-17	1,94E-17	TRUE
Rv1995	24	3	3	2,50986056	3,609238347	0,000307	0,00073934	0,00018066	TRUE
Rv1996	219	476	-1,120030704	-1,610170144	-14,28826768	2,59E-46	4,20E-45	1,03E-45	TRUE
Rv1997	83	190	-1,194816177	-1,684955617	-9,322655382	1,13E-20	8,55E-20	2,09E-20	TRUE
Rv2003c	8	24	-1,584962501	-2,075101941	-3,813294602	0,000137	0,00034592	8,45E-05	TRUE
Rv2004c	40	143	-1,837943242	-2,328082682	-9,995738448	1,59E-23	1,36E-22	3,33E-23	TRUE
Rv2005c	38	342	-3,169925001	-3,660064441	-19,29427331	6,00E-83	1,75E-81	4,27E-82	TRUE
Rv2006	15	99	-2,722466024	-3,212605465	-9,845490338	7,17E-23	5,97E-22	1,46E-22	TRUE

Rv2007c	146	898	-2,620747076	-3,110886516	-29,23524588	6,92E-188	5,87E-186	1,43E-186	TRUE
Rv2008c	86	4	4,426264755	3,936125315	8,368479592	5,84E-17	3,67E-16	8,97E-17	TRUE
Rv2010	103	175	-0,764710585	-1,254850025	-7,178907548	7,03E-13	3,56E-12	8,71E-13	TRUE
Rv2011c	516	188	1,456638404	0,966498964	8,423497172	3,65E-17	2,33E-16	5,69E-17	TRUE
Rv2012	176	4	5,459431619	4,969292179	12,6365887	1,33E-36	1,65E-35	4,03E-36	TRUE
Rv2014	8	54	-2,754887502	-3,245026942	-7,303456243	2,80E-13	1,46E-12	3,56E-13	TRUE
Rv2016	101	17	2,570748642	2,080609201	6,612001266	3,79E-11	1,74E-10	4,26E-11	TRUE
Rv2017	80	112	-0,485426827	-0,975566267	-4,686094777	2,78E-06	8,68E-06	2,12E-06	TRUE
Rv2018	75	26	1,528378972	1,038239532	3,406100495	0,000659	0,00150047	0,00036665	TRUE
Rv2021c	84	24	1,807354922	1,317215482	4,357436673	1,32E-05	3,75E-05	9,15E-06	TRUE
Rv2022c	244	271	-0,151411704	-0,641551144	-5,080216102	3,77E-07	1,28E-06	3,13E-07	TRUE
Rv2025c	136	1	7,087462841	6,597323401	11,12210482	9,79E-29	9,88E-28	2,41E-28	TRUE
Rv2026c	25	162	-2,695993813	-3,186133253	-12,54841815	4,06E-36	4,87E-35	1,19E-35	TRUE
Rv2027c	45	3	3,906890596	3,416751156	5,749515552	8,95E-09	3,49E-08	8,54E-09	TRUE
Rv2029c	22	53	-1,268488836	-1,758628276	-5,07334935	3,91E-07	1,32E-06	3,23E-07	TRUE
Rv2030c	90	616	-2,774933444	-3,265072884	-24,7399386	3,98E-135	2,04E-133	4,99E-134	TRUE
Rv2031c	89	963	-3,435658557	-3,925797997	-33,17122605	2,80E-241	3,77E-239	9,21E-240	TRUE
Rv2032	144	479	-1,733956844	-2,224096284	-17,79885402	7,21E-71	1,70E-69	4,15E-70	TRUE
Rv2036	1088	165	2,721140627	2,231001187	22,6816737	6,80E-114	2,79E-112	6,83E-113	TRUE
Rv2039c	8	92	-3,523561956	-4,013701396	-10,32064817	5,68E-25	5,05E-24	1,23E-24	TRUE
Rv2045c	75	25	1,584962501	1,094823061	3,556682153	0,000376	0,00089645	0,00021905	TRUE
Rv2048c	1387	1127	0,299480272	-0,190659168	-3,332974535	0,000859	0,00191512	0,00046776	TRUE
Rv2050	420	215	0,966052668	0,475913228	4,074114315	4,62E-05	0,00012346	3,02E-05	TRUE
Rv2051c	64	126	-0,977279923	-1,467419364	-6,865412878	6,63E-12	3,20E-11	7,82E-12	TRUE
Rv2052c	107	16	2,741466986	2,251327546	7,149315017	8,72E-13	4,39E-12	1,07E-12	TRUE
Rv2053c	155	62	1,321928095	0,831788655	4,066051454	4,78E-05	0,00012772	3,12E-05	TRUE
Rv2058c	3	35	-3,544320516	-4,034459956	-6,375532844	1,82E-10	8,04E-10	1,96E-10	TRUE
Rv2059	158	286	-0,856090589	-1,346230029	-9,691994933	3,26E-22	2,61E-21	6,38E-22	TRUE
Rv2062c	19	167	-3,135776779	-3,625916219	-13,43515879	3,76E-41	5,40E-40	1,32E-40	TRUE
Rv2068c	127	18	2,818759685	2,328620245	7,949152946	1,88E-15	1,10E-14	2,69E-15	TRUE
Rv2076c	272	33	3,043068722	2,552929282	12,268369	1,34E-34	1,55E-33	3,78E-34	TRUE
Rv2077c	847	484	0,807354922	0,317215482	3,965477476	7,32E-05	0,00019069	4,66E-05	TRUE
Rv2078	0	12	-4,584962501	-5,075101941	-3,921139694	8,81E-05	0,00022731	5,55E-05	TRUE
Rv2079	49	79	-0,689070904	-1,179210344	-4,592060812	4,39E-06	1,33E-05	3,24E-06	TRUE
Rv2080	21	38	-0,855610091	-1,345749531	-3,531083582	0,000414	0,00097651	0,00023862	TRUE
Rv2084	11	50	-2,184424571	-2,674564011	-6,394170795	1,61E-10	7,17E-10	1,75E-10	TRUE
Rv2087	26	4	2,700439718	2,210300278	3,484523047	0,000493	0,00114939	0,00028069	TRUE

Rv2091c	160	509	-1,669593751	-2,159733191	-18,01711441	1,43E-72	3,56E-71	8,69E-72	TRUE
Rv2092c	57	74	-0,376563351	-0,866702792	-3,448329872	0,000564	0,00129951	0,00031754	TRUE
Rv2093c	307	76	2,014167332	1,524027892	9,300111708	1,40E-20	1,05E-19	2,57E-20	TRUE
Rv2094c	200	311	-0,63691458	-1,12705402	-8,789202185	1,51E-18	1,04E-17	2,53E-18	TRUE
Rv2101	49	95	-0,955145764	-1,445285204	-5,893823632	3,77E-09	1,53E-08	3,73E-09	TRUE
Rv2103c	50	13	1,943416472	1,453277032	3,62258318	0,000292	0,00070526	0,00017223	TRUE
Rv2106	18	56	-1,637429921	-2,127569361	-5,918255403	3,25E-09	1,32E-08	3,23E-09	TRUE
Rv2108	28	5	2,485426827	1,995287387	3,388223397	0,000703	0,00159619	0,00038962	TRUE
Rv2110c	197	56	1,814696897	1,324557457	6,702194212	2,05E-11	9,62E-11	2,35E-11	TRUE
Rv2111c	197	37	2,412598454	1,922459014	8,769939149	1,79E-18	1,22E-17	2,98E-18	TRUE
Rv2124c	237	320	-0,433184846	-0,923324286	-7,566575656	3,83E-14	2,08E-13	5,09E-14	TRUE
Rv2128	23	3	2,938599455	2,448460015	3,483678286	0,000495	0,0011513	0,00028124	TRUE
Rv2130c	206	25	3,042644337	2,552504897	10,67539302	1,33E-26	1,26E-25	3,07E-26	TRUE
Rv2131c	59	12	2,297680549	1,807541109	4,602975774	4,16E-06	1,26E-05	3,09E-06	TRUE
Rv2133c	77	15	2,359895945	1,869756505	5,381167929	7,40E-08	2,68E-07	6,54E-08	TRUE
Rv2134c	273	69	1,984232684	1,494093244	8,642311142	5,51E-18	3,68E-17	9,00E-18	TRUE
Rv2136c	63	127	-1,011404763	-1,501544203	-7,011303921	2,36E-12	1,16E-11	2,83E-12	TRUE
Rv2137c	313	711	-1,183686903	-1,673826343	-17,95708238	4,22E-72	1,02E-70	2,50E-71	TRUE
Rv2138	69	16	2,108524457	1,618385017	4,605425086	4,12E-06	1,25E-05	3,05E-06	TRUE
Rv2142c	39	8	2,285402219	1,795262779	3,724811106	0,000195	0,0004837	0,00011817	TRUE
Rv2145c	155	37	2,06667104	1,5765316	6,77335071	1,26E-11	5,96E-11	1,46E-11	TRUE
Rv2146c	153	61	1,326650505	0,836511065	4,05933883	4,92E-05	0,00013109	3,20E-05	TRUE
Rv2152c	9	26	-1,530514717	-2,020654157	-3,901506284	9,56E-05	0,00024584	6,01E-05	TRUE
Rv2155c	37	77	-1,057333175	-1,547472615	-5,581514817	2,38E-08	8,94E-08	2,19E-08	TRUE
Rv2158c	193	381	-0,98119015	-1,47132959	-11,96461976	5,44E-33	5,92E-32	1,45E-32	TRUE
Rv2163c	93	119	-0,355658952	-0,845798392	-4,283088633	1,84E-05	5,17E-05	1,26E-05	TRUE
Rv2165c	164	33	2,313157885	1,823018445	7,719637751	1,17E-14	6,57E-14	1,61E-14	TRUE
Rv2172c	304	55	2,4665678	1,97642836	11,09648191	1,30E-28	1,31E-27	3,19E-28	TRUE
Rv2173	29	5	2,5360529	2,04591346	3,50480564	0,000457	0,00107008	0,00026124	TRUE
Rv2174	43	8	2,426264755	1,936125315	4,116338757	3,85E-05	0,0001037	2,53E-05	TRUE
Rv2175c	26	2	3,700439718	3,210300278	4,255775205	2,08E-05	5,79E-05	1,42E-05	TRUE
Rv2176	35	8	2,129283017	1,639143577	3,310118966	0,000933	0,0020528	0,00050133	TRUE
Rv2177c	21	2	3,392317423	2,902177983	3,647272202	0,000265	0,00064767	0,00015816	TRUE
Rv2182c	611	322	0,924111692	0,433972252	4,514332782	6,35E-06	1,87E-05	4,57E-06	TRUE
Rv2185c	59	167	-1,501061243	-1,991200683	-9,794602587	1,19E-22	9,74E-22	2,38E-22	TRUE
Rv2188c	32	71	-1,14974712	-1,63988656	-5,589448258	2,28E-08	8,55E-08	2,09E-08	TRUE
Rv2193	54	7	2,94753258	2,45739314	5,349166144	8,84E-08	3,18E-07	7,76E-08	TRUE

Rv2195	83	23	1,851477475	1,361338035	4,442408214	8,90E-06	2,59E-05	6,33E-06	TRUE
Rv2196	59	89	-0,593090382	-1,083229822	-4,552468559	5,30E-06	1,58E-05	3,86E-06	TRUE
Rv2197c	27	48	-0,830074999	-1,320214439	-3,910594309	9,21E-05	0,00023716	5,80E-05	TRUE
Rv2198c	299	134	1,157912484	0,667773044	4,665031731	3,09E-06	9,53E-06	2,33E-06	TRUE
Rv2202c	387	380	0,026334148	-0,463805292	-4,485756223	7,27E-06	2,13E-05	5,20E-06	TRUE
Rv2203	37	72	-0,960471636	-1,450611076	-5,145050393	2,67E-07	9,23E-07	2,25E-07	TRUE
Rv2204c	930	1221	-0,392760579	-0,882900019	-14,24590025	4,75E-46	7,64E-45	1,87E-45	TRUE
Rv2206	34	75	-1,141355849	-1,631495289	-5,723680485	1,04E-08	4,05E-08	9,90E-09	TRUE
Rv2210c	59	14	2,075288127	1,585148687	4,195254465	2,73E-05	7,50E-05	1,83E-05	TRUE
Rv2212	27	44	-0,704544116	-1,194683557	-3,462607307	0,000535	0,00123539	0,00030188	TRUE
Rv2216	64	9	2,830074999	2,339935559	5,659139041	1,52E-08	5,80E-08	1,42E-08	TRUE
Rv2218	112	40	1,485426827	0,995287387	4,020045734	5,82E-05	0,00015353	3,75E-05	TRUE
Rv2219	131	160	-0,288505093	-0,778644533	-4,625835699	3,73E-06	1,14E-05	2,78E-06	TRUE
Rv2220	101	303	-1,584962501	-2,075101941	-13,55186737	7,72E-42	1,13E-40	2,75E-41	TRUE
Rv2221c	126	254	-1,011404763	-1,501544203	-9,916534692	3,53E-23	2,99E-22	7,30E-23	TRUE
Rv2230c	33	263	-2,99452487	-3,48466431	-16,60561208	6,35E-62	1,33E-60	3,26E-61	TRUE
Rv2235	33	6	2,459431619	1,969292179	3,646801958	0,000266	0,00064784	0,00015816	TRUE
Rv2239c	75	21	1,836501268	1,346361828	4,18726904	2,82E-05	7,75E-05	1,89E-05	TRUE
Rv2244	104	134	-0,365649472	-0,855788912	-4,590822991	4,42E-06	1,33E-05	3,26E-06	TRUE
Rv2247	89	148	-0,733719935	-1,223859375	-6,473395099	9,58E-11	4,32E-10	1,05E-10	TRUE
Rv2253	2	128	-6	-6,49013944	-12,81594808	1,33E-37	1,73E-36	4,22E-37	TRUE
Rv2256c	386	194	0,992544195	0,502404755	4,104125571	4,06E-05	0,00010922	2,67E-05	TRUE
Rv2258c	28	53	-0,920565533	-1,410704973	-4,322579693	1,54E-05	4,35E-05	1,06E-05	TRUE
Rv2260	3	53	-4,142957954	-4,633097394	-8,121863432	4,59E-16	2,78E-15	6,80E-16	TRUE
Rv2263	21	42	-1	-1,49013944	-4,009016476	6,10E-05	0,00016023	3,92E-05	TRUE
Rv2264c	66	15	2,137503524	1,647364084	4,56187192	5,07E-06	1,52E-05	3,71E-06	TRUE
Rv2273	0	10	-4,321928095	-4,812067535	-3,552252568	0,000382	0,00091001	0,00022233	TRUE
Rv2279	16	51	-1,672425342	-2,162564782	-5,706040724	1,16E-08	4,47E-08	1,09E-08	TRUE
Rv2285	20	103	-2,364572432	-2,854711872	-9,494693796	2,21E-21	1,71E-20	4,17E-21	TRUE
Rv2286c	42	10	2,070389328	1,580249888	3,531645707	0,000413	0,00097562	0,0002384	TRUE
Rv2289	22	48	-1,125530882	-1,615670322	-4,546884845	5,44E-06	1,62E-05	3,96E-06	TRUE
Rv2293c	9	54	-2,584962501	-3,075101941	-7,127847886	1,02E-12	5,12E-12	1,25E-12	TRUE
Rv2295	392	28	3,807354922	3,317215482	16,76359707	4,51E-63	9,67E-62	2,36E-62	TRUE
Rv2296	137	14	3,290677161	2,800537721	9,149653196	5,71E-20	4,16E-19	1,02E-19	TRUE
Rv2297	155	32	2,276124405	1,785984965	7,39968121	1,37E-13	7,21E-13	1,76E-13	TRUE
Rv2298	124	17	2,866733469	2,376594029	7,950140456	1,86E-15	1,09E-14	2,67E-15	TRUE
Rv2299c	233	97	1,264273302	0,774133862	4,686557959	2,78E-06	8,67E-06	2,12E-06	TRUE

Rv2301	64	17	1,912537159	1,422397719	4,032958483	5,51E-05	0,00014572	3,56E-05	TRUE
Rv2305	33	6	2,459431619	1,969292179	3,646801958	0,000266	0,00064784	0,00015816	TRUE
Rv2307A	26	1	4,700439718	4,210300278	4,693399321	2,69E-06	8,40E-06	2,05E-06	TRUE
Rv2307B	36	60	-0,736965594	-1,227105034	-4,129976819	3,63E-05	9,80E-05	2,40E-05	TRUE
Rv2307D	66	0	7,044394119	6,554254679	7,755025481	8,83E-15	5,02E-14	1,23E-14	TRUE
Rv2314c	109	200	-0,875671865	-1,365811305	-8,194254595	2,52E-16	1,55E-15	3,78E-16	TRUE
Rv2318	11	56	-2,347923303	-2,838062743	-6,980048487	2,95E-12	1,44E-11	3,51E-12	TRUE
Rv2322c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv2329c	34	147	-2,112209504	-2,602348944	-10,80263056	3,34E-27	3,24E-26	7,92E-27	TRUE
Rv2330c	1	51	-5,672425342	-6,162564782	-8,129918528	4,30E-16	2,61E-15	6,38E-16	TRUE
Rv2331	35	251	-2,842260537	-3,332399977	-15,92829813	4,03E-57	7,76E-56	1,90E-56	TRUE
Rv2331A	14	41	-1,550197083	-2,040336523	-4,930268842	8,21E-07	2,71E-06	6,63E-07	TRUE
Rv2332	192	346	-0,849665727	-1,339805167	-10,62178271	2,36E-26	2,23E-25	5,44E-26	TRUE
Rv2333c	199	316	-0,667156128	-1,157295568	-9,049762078	1,43E-19	1,03E-18	2,52E-19	TRUE
Rv2334	46	78	-0,761840263	-1,251979703	-4,783764142	1,72E-06	5,51E-06	1,35E-06	TRUE
Rv2336	16	1	4	3,50986056	3,465376216	0,000529	0,00122564	0,00029914	TRUE
Rv2338c	69	4	4,108524457	3,618385017	7,280799702	3,32E-13	1,72E-12	4,20E-13	TRUE
Rv2344c	32	52	-0,700439718	-1,190579158	-3,754015947	0,000174	0,00043395	0,00010604	TRUE
Rv2348c	104	19	2,452512205	1,962372765	6,459213467	1,05E-10	4,71E-10	1,15E-10	TRUE
Rv2352c	353	377	-0,09489634	-0,58503578	-5,518589966	3,42E-08	1,27E-07	3,10E-08	TRUE
Rv2353c	22	1	4,459431619	3,969292179	4,243748384	2,20E-05	6,09E-05	1,49E-05	TRUE
Rv2354	25	42	-0,748461233	-1,238600673	-3,480757896	0,0005	0,00116289	0,00028416	TRUE
Rv2355	14	54	-1,94753258	-2,43767202	-6,310276226	2,79E-10	1,22E-09	2,98E-10	TRUE
Rv2356c	208	22	3,2410081	2,750868659	11,17003971	5,72E-29	5,86E-28	1,43E-28	TRUE
Rv2360c	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv2361c	56	10	2,485426827	1,995287387	4,791738808	1,65E-06	5,30E-06	1,29E-06	TRUE
Rv2362c	57	86	-0,593374741	-1,083514181	-4,476025021	7,60E-06	2,22E-05	5,43E-06	TRUE
Rv2363	23	52	-1,176877762	-1,667017202	-4,839708238	1,30E-06	4,22E-06	1,03E-06	TRUE
Rv2364c	19	1	4,247927513	3,757788073	3,873034813	0,000107	0,00027479	6,71E-05	TRUE
Rv2366c	43	11	1,966833136	1,476693696	3,399737544	0,000675	0,00153315	0,00037463	TRUE
Rv2367c	50	6	3,058893689	2,568754249	5,277646198	1,31E-07	4,65E-07	1,14E-07	TRUE
Rv2368c	200	92	1,120294234	0,630154794	3,623682473	0,00029	0,00070357	0,00017192	TRUE
Rv2372c	168	37	2,182864057	1,692724617	7,420500422	1,17E-13	6,20E-13	1,51E-13	TRUE
Rv2373c	820	175	2,228268988	1,738129548	16,70779105	1,15E-62	2,44E-61	5,96E-62	TRUE
Rv2374c	444	116	1,936434871	1,446295431	10,75877422	5,39E-27	5,20E-26	1,27E-26	TRUE
Rv2376c	6	96	-4	-4,49013944	-10,85941162	1,80E-27	1,76E-26	4,30E-27	TRUE
Rv2380c	57	487	-3,094887948	-3,585027388	-22,84850777	1,51E-115	6,42E-114	1,57E-114	TRUE

Rv2383c	51	188	-1,88216351	-2,37230295	-11,58993841	4,63E-31	4,92E-30	1,20E-30	TRUE
Rv2385	1	15	-3,906890596	-4,397030036	-4,271817722	1,94E-05	5,42E-05	1,32E-05	TRUE
Rv2389c	106	41	1,37036845	0,88022901	3,528422459	0,000418	0,00098579	0,00024088	TRUE
Rv2390c	45	5	3,169925001	2,679785561	5,123678572	3,00E-07	1,03E-06	2,52E-07	TRUE
Rv2391	362	28	3,692490965	3,202351525	15,86412232	1,12E-56	2,14E-55	5,23E-56	TRUE
Rv2392	50	5	3,321928095	2,831788655	5,558818098	2,72E-08	1,01E-07	2,47E-08	TRUE
Rv2395	52	130	-1,321928095	-1,812067535	-8,11207446	4,98E-16	3,01E-15	7,35E-16	TRUE
Rv2395A	248	327	-0,398950515	-0,889089955	-7,409193602	1,27E-13	6,72E-13	1,64E-13	TRUE
Rv2395B	145	206	-0,506591437	-0,996730877	-6,470000825	9,80E-11	4,41E-10	1,08E-10	TRUE
Rv2396	111	388	-1,805496976	-2,295636416	-16,32966602	6,07E-60	1,21E-58	2,96E-59	TRUE
Rv2398c	82	96	-0,227410496	-0,717549936	-3,336934113	0,000847	0,00189236	0,00046241	TRUE
Rv2399c	117	302	-1,36804002	-1,85817946	-12,57943941	2,74E-36	3,33E-35	8,14E-36	TRUE
Rv2400c	244	288	-0,239187664	-0,729327104	-5,863854081	4,52E-09	1,82E-08	4,45E-09	TRUE
Rv2403c	33	49	-0,570315725	-1,060455165	-3,319854302	0,000901	0,0019983	0,00048679	TRUE
Rv2405	77	13	2,566346823	2,076207383	5,765328214	8,15E-09	3,20E-08	7,81E-09	TRUE
Rv2406c	144	153	-0,087462841	-0,577602281	-3,474540767	0,000512	0,00118876	0,00029048	TRUE
Rv2409c	38	99	-1,381429107	-1,871568547	-7,236366232	4,61E-13	2,36E-12	5,77E-13	TRUE
Rv2410c	33	181	-2,455451768	-2,945591208	-12,78465266	2,00E-37	2,57E-36	6,27E-37	TRUE
Rv2411c	105	322	-1,61667136	-2,1068108	-14,10620353	3,48E-45	5,48E-44	1,34E-44	TRUE
Rv2413c	24	41	-0,772589504	-1,262728944	-3,491431748	0,00048	0,00112275	0,00027435	TRUE
Rv2416c	15	121	-3,011972642	-3,502112082	-11,28495	1,56E-29	1,61E-28	3,93E-29	TRUE
Rv2420c	21	45	-1,099535674	-1,589675114	-4,351216077	1,35E-05	3,84E-05	9,40E-06	TRUE
Rv2421c	163	520	-1,673639659	-2,163779099	-18,23221035	2,87E-74	7,31E-73	1,79E-73	TRUE
Rv2428	10	252	-4,655351829	-5,145491269	-17,99829392	2,01E-72	4,97E-71	1,21E-71	TRUE
Rv2429	5	31	-2,632268215	-3,122407656	-5,438854204	5,36E-08	1,96E-07	4,80E-08	TRUE
Rv2430c	91	694	-2,930997212	-3,421136652	-26,78112071	5,36E-158	3,49E-156	8,53E-157	TRUE
Rv2431c	52	417	-3,003463855	-3,493603295	-20,93210295	2,73E-97	9,20E-96	2,25E-96	TRUE
Rv2434c	20	63	-1,655351829	-2,145491269	-6,310534762	2,78E-10	1,22E-09	2,98E-10	TRUE
Rv2437	3	22	-2,874469118	-3,364608558	-4,7342718	2,20E-06	6,92E-06	1,69E-06	TRUE
Rv2438c	158	262	-0,729642253	-1,219781693	-8,591225682	8,60E-18	5,67E-17	1,38E-17	TRUE
Rv2440c	163	171	-0,069124361	-0,559263801	-3,568019542	0,00036	0,00086065	0,00021031	TRUE
Rv2441c	167	253	-0,599289282	-1,089428722	-7,712453696	1,23E-14	6,93E-14	1,69E-14	TRUE
Rv2443	41	66	-0,686842115	-1,176981555	-4,190896182	2,78E-05	7,63E-05	1,86E-05	TRUE
Rv2444c	791	460	0,782043834	0,291904393	3,541718067	0,000398	0,00094311	0,00023045	TRUE
Rv2445c	12	228	-4,247927513	-4,738066953	-16,91747965	3,34E-64	7,34E-63	1,79E-63	TRUE
Rv2447c	7	29	-2,050626073	-2,540765513	-4,734503175	2,20E-06	6,92E-06	1,69E-06	TRUE
Rv2448c	138	212	-0,619395998	-1,109535438	-7,164924388	7,78E-13	3,94E-12	9,62E-13	TRUE

Rv2449c	34	83	-1,28757659	-1,77771603	-6,396722454	1,59E-10	7,06E-10	1,73E-10	TRUE
Rv2452c	38	0	6,247927513	5,757788073	5,934372354	2,95E-09	1,20E-08	2,94E-09	TRUE
Rv2453c	71	123	-0,792767386	-1,282906826	-6,122977295	9,18E-10	3,86E-09	9,44E-10	TRUE
Rv2457c	460	249	0,885488119	0,395348679	3,591886984	0,000328	0,00078843	0,00019266	TRUE
Rv2459	78	101	-0,372809264	-0,862948704	-4,013869261	5,97E-05	0,00015718	3,84E-05	TRUE
Rv2461c	578	233	1,310739538	0,820600098	7,763728027	8,25E-15	4,71E-14	1,15E-14	TRUE
Rv2463	56	167	-1,57634937	-2,06648881	-10,03315519	1,09E-23	9,37E-23	2,29E-23	TRUE
Rv2464c	171	15	3,510961919	3,020822479	10,61332922	2,58E-26	2,43E-25	5,93E-26	TRUE
Rv2466c	362	178	1,024112456	0,533973016	4,20107924	2,66E-05	7,33E-05	1,79E-05	TRUE
Rv2468A	24	2	3,584962501	3,094823061	4,021408351	5,79E-05	0,0001528	3,73E-05	TRUE
Rv2470	59	17	1,795180208	1,305040768	3,625718765	0,000288	0,00069935	0,00017089	TRUE
Rv2471	56	15	1,900464326	1,410324886	3,748283293	0,000178	0,0004437	0,00010842	TRUE
Rv2472	36	2	4,169925001	3,679785561	5,291617937	1,21E-07	4,32E-07	1,06E-07	TRUE
Rv2473	33	136	-2,043068722	-2,533208162	-10,23639678	1,36E-24	1,20E-23	2,93E-24	TRUE
Rv2477c	274	762	-1,475615105	-1,965754545	-20,75486519	1,11E-95	3,70E-94	9,04E-95	TRUE
Rv2484c	94	30	1,647698256	1,157558816	4,16448403	3,12E-05	8,50E-05	2,08E-05	TRUE
Rv2487c	32	4	3	2,50986056	4,167603461	3,08E-05	8,39E-05	2,05E-05	TRUE
Rv2495c	212	233	-0,13626569	-0,62640513	-4,611278682	4,00E-06	1,22E-05	2,97E-06	TRUE
Rv2496c	616	582	0,081911198	-0,408228242	-4,934764704	8,02E-07	2,65E-06	6,48E-07	TRUE
Rv2500c	527	784	-0,573050692	-1,063190133	-13,3168903	1,85E-40	2,56E-39	6,25E-40	TRUE
Rv2501c	402	148	1,441598326	0,951458886	7,337806689	2,17E-13	1,13E-12	2,77E-13	TRUE
Rv2502c	154	36	2,096861539	1,606722099	6,844842255	7,66E-12	3,66E-11	8,95E-12	TRUE
Rv2503c	496	97	2,354283468	1,864144028	13,63278026	2,56E-42	3,74E-41	9,14E-42	TRUE
Rv2504c	431	10	5,429615964	4,939476524	19,75889129	6,73E-87	2,04E-85	4,98E-86	TRUE
Rv2505c	96	18	2,415037499	1,924898059	6,126939288	8,96E-10	3,77E-09	9,22E-10	TRUE
Rv2507	60	183	-1,608809243	-2,098948683	-10,60803443	2,73E-26	2,55E-25	6,24E-26	TRUE
Rv2508c	22	2	3,459431619	2,969292179	3,775269792	0,00016	0,00040113	9,79E-05	TRUE
Rv2510c	69	9	2,938599455	2,448460015	6,03402683	1,60E-09	6,60E-09	1,61E-09	TRUE
Rv2511	19	181	-3,251918374	-3,742057814	-14,14742014	1,94E-45	3,06E-44	7,48E-45	TRUE
Rv2512c	24	40	-0,736965594	-1,227105034	-3,372049912	0,000746	0,00168706	0,00041224	TRUE
Rv2514c	304	3	6,662965013	6,172825573	16,74660429	6,00E-63	1,28E-61	3,13E-62	TRUE
Rv2515c	999	183	2,44864103	1,958501589	20,00217208	5,27E-89	1,63E-87	3,99E-88	TRUE
Rv2516c	1833	351	2,38466385	1,89452441	26,5130766	6,85E-155	4,31E-153	1,05E-153	TRUE
Rv2517c	1745	291	2,584135978	2,093996538	27,61813468	6,74E-168	5,16E-166	1,26E-166	TRUE
Rv2518c	133	378	-1,506959989	-1,997099429	-14,76657177	2,41E-49	4,07E-48	9,94E-49	TRUE
Rv2519	252	51	2,304854582	1,814715141	9,539773947	1,43E-21	1,12E-20	2,73E-21	TRUE
Rv2522c	27	74	-1,454565863	-1,944705304	-6,418805138	1,37E-10	6,12E-10	1,49E-10	TRUE

Rv2523c	1	11	-3,459431619	-3,949571059	-3,550816934	0,000384	0,0009136	0,00022317	TRUE
Rv2524c	401	392	0,032748582	-0,457390858	-4,498089819	6,86E-06	2,01E-05	4,92E-06	TRUE
Rv2525c	53	6	3,142957954	2,652818514	5,53034195	3,20E-08	1,19E-07	2,90E-08	TRUE
Rv2527	34	7	2,280107919	1,789968479	3,470771699	0,000519	0,00120485	0,00029441	TRUE
Rv2530A	72	12	2,584962501	2,094823061	5,606856099	2,06E-08	7,77E-08	1,90E-08	TRUE
Rv2533c	49	75	-0,614108846	-1,104248286	-4,244639435	2,19E-05	6,08E-05	1,48E-05	TRUE
Rv2534c	91	28	1,700439718	1,210300278	4,245193509	2,18E-05	6,07E-05	1,48E-05	TRUE
Rv2536	55	373	-2,761672107	-3,251811547	-19,21523043	2,76E-82	7,87E-81	1,92E-81	TRUE
Rv2542	13	0	4,700439718	4,210300278	3,318724439	0,000904	0,00199507	0,00048723	TRUE
Rv2549c	52	6	3,115477217	2,625337777	5,447050664	5,12E-08	1,88E-07	4,59E-08	TRUE
Rv2550c	87	9	3,273018494	2,782879054	7,267376708	3,67E-13	1,89E-12	4,62E-13	TRUE
Rv2555c	2901	1752	0,727547521	0,237408081	5,579691736	2,41E-08	9,03E-08	2,21E-08	TRUE
Rv2556c	97	32	1,599912842	1,109773402	4,089516296	4,32E-05	0,00011602	2,83E-05	TRUE
Rv2559c	11	41	-1,898120386	-2,388259826	-5,433318073	5,53E-08	2,02E-07	4,95E-08	TRUE
Rv2560	29	4	2,857980995	2,367841555	3,836199272	0,000125	0,00031695	7,74E-05	TRUE
Rv2565	35	52	-0,571156701	-1,061296141	-3,422196189	0,000621	0,00142186	0,00034744	TRUE
Rv2568c	20	1	4,321928095	3,831788655	4,000274753	6,33E-05	0,00016593	4,05E-05	TRUE
Rv2570	22	1	4,459431619	3,969292179	4,243748384	2,20E-05	6,09E-05	1,49E-05	TRUE
Rv2574	43	8	2,426264755	1,936125315	4,116338757	3,85E-05	0,0001037	2,53E-05	TRUE
Rv2575	42	72	-0,777607579	-1,267747019	-4,641249067	3,46E-06	1,06E-05	2,60E-06	TRUE
Rv2580c	20	66	-1,722466024	-2,212605465	-6,584073493	4,58E-11	2,09E-10	5,11E-11	TRUE
Rv2583c	566	551	0,038749734	-0,451389706	-5,269389721	1,37E-07	4,85E-07	1,19E-07	TRUE
Rv2584c	95	195	-1,037474705	-1,527614145	-8,799376452	1,38E-18	9,49E-18	2,32E-18	TRUE
Rv2586c	34	102	-1,584962501	-2,075101941	-7,861728653	3,79E-15	2,21E-14	5,40E-15	TRUE
Rv2591	34	5	2,765534746	2,275395306	4,056059164	4,99E-05	0,00013258	3,24E-05	TRUE
Rv2594c	33	1	5,044394119	4,554254679	5,388615916	7,10E-08	2,57E-07	6,29E-08	TRUE
Rv2596	20	2	3,321928095	2,831788655	3,515665651	0,000439	0,00103034	0,00025169	TRUE
Rv2601	10	34	-1,765534746	-2,255674186	-4,781719288	1,74E-06	5,56E-06	1,36E-06	TRUE
Rv2601A	84	26	1,691877705	1,201738265	4,055791489	5,00E-05	0,00013259	3,24E-05	TRUE
Rv2607	31	5	2,632268215	2,142128775	3,731327674	0,00019	0,0004718	0,00011525	TRUE
Rv2609c	11	49	-2,155278225	-2,645417666	-6,292625456	3,12E-10	1,36E-09	3,32E-10	TRUE
Rv2613c	55	4	3,781359714	3,291220273	6,25746945	3,91E-10	1,70E-09	4,15E-10	TRUE
Rv2614c	135	167	-0,306888695	-0,797028135	-4,822165702	1,42E-06	4,59E-06	1,12E-06	TRUE
Rv2615c	59	10	2,560714954	2,070575514	5,037848148	4,71E-07	1,58E-06	3,86E-07	TRUE
Rv2617c	355	6	5,886712714	5,396573274	18,09944469	3,22E-73	8,11E-72	1,98E-72	TRUE
Rv2619c	31	6	2,36923381	1,87909437	3,425802561	0,000613	0,00140476	0,00034326	TRUE
Rv2620c	84	114	-0,440572591	-0,930712031	-4,545590447	5,48E-06	1,63E-05	3,98E-06	TRUE

Rv2621c	203	49	2,050626073	1,560486633	7,694191515	1,42E-14	7,98E-14	1,95E-14	TRUE
Rv2622	53	175	-1,723290657	-2,213430097	-10,72438588	7,82E-27	7,47E-26	1,82E-26	TRUE
Rv2623	240	1312	-2,450661409	-2,940800849	-34,41279413	1,62E-259	2,64E-257	6,45E-258	TRUE
Rv2624c	76	154	-1,018859027	-1,508998467	-7,749196002	9,25E-15	5,24E-14	1,28E-14	TRUE
Rv2625c	65	296	-2,187085553	-2,677224993	-15,56811935	1,20E-54	2,21E-53	5,40E-54	TRUE
Rv2626c	41	167	-2,026152288	-2,516291728	-11,30074873	1,30E-29	1,35E-28	3,29E-29	TRUE
Rv2627c	90	714	-2,987927168	-3,478066608	-27,34527626	1,23E-164	8,73E-163	2,13E-163	TRUE
Rv2628	57	538	-3,238572348	-3,728711788	-24,36362448	4,16E-131	2,08E-129	5,09E-130	TRUE
Rv2629	393	1132	-1,526272741	-2,016412181	-25,72834059	5,63E-146	3,24E-144	7,91E-145	TRUE
Rv2631	96	150	-0,64385619	-1,13399563	-6,133274008	8,61E-10	3,64E-09	8,89E-10	TRUE
Rv2632c	109	134	-0,297904866	-0,788044306	-4,277344836	1,89E-05	5,29E-05	1,29E-05	TRUE
Rv2638	62	7	3,146841388	2,656701948	5,986244891	2,15E-09	8,81E-09	2,15E-09	TRUE
Rv2639c	153	53	1,529467388	1,039327948	4,869331534	1,12E-06	3,65E-06	8,92E-07	TRUE
Rv2640c	82	19	2,109624491	1,619485051	5,023051521	5,09E-07	1,70E-06	4,17E-07	TRUE
Rv2641	206	23	3,162938571	2,672799131	10,94785548	6,80E-28	6,71E-27	1,64E-27	TRUE
Rv2642	99	506	-2,353636955	-2,843776395	-21,00805271	5,54E-98	1,88E-96	4,59E-97	TRUE
Rv2643	755	176	2,100901216	1,610761776	15,18842576	4,22E-52	7,49E-51	1,83E-51	TRUE
Rv2645	19	2	3,247927513	2,757788073	3,380169168	0,000724	0,00164085	0,00040095	TRUE
Rv2649	8	65	-3,022367813	-3,512507253	-8,280533049	1,23E-16	7,58E-16	1,85E-16	TRUE
Rv2650c	199	418	-1,070734512	-1,560873952	-13,09038536	3,74E-39	5,03E-38	1,23E-38	TRUE
Rv2651c	257	339	-0,399516914	-0,889656354	-7,548075482	4,42E-14	2,39E-13	5,83E-14	TRUE
Rv2656c	32	58	-0,857980995	-1,348120435	-4,368414827	1,25E-05	3,57E-05	8,72E-06	TRUE
Rv2657c	59	98	-0,732066795	-1,222206235	-5,261768102	1,43E-07	5,05E-07	1,23E-07	TRUE
Rv2658c	34	3	3,502500341	3,0123609	4,725967407	2,29E-06	7,21E-06	1,76E-06	TRUE
Rv2659c	290	7	5,372554168	4,882414728	16,17932438	7,06E-59	1,37E-57	3,35E-58	TRUE
Rv2660c	0	17	-5,087462841	-5,577602281	-4,701454602	2,58E-06	8,08E-06	1,98E-06	TRUE
Rv2661c	2	18	-3,169925001	-3,660064441	-4,425842147	9,61E-06	2,78E-05	6,80E-06	TRUE
Rv2662	202	7	4,850856561	4,360717121	13,20134344	8,62E-40	1,18E-38	2,88E-39	TRUE
Rv2663	141	16	3,139551352	2,649411912	9,014408272	1,98E-19	1,41E-18	3,45E-19	TRUE
Rv2669	58	7	3,050626073	2,560486633	5,674046384	1,39E-08	5,34E-08	1,31E-08	TRUE
Rv2670c	15	76	-2,341036918	-2,831176358	-8,121551787	4,60E-16	2,79E-15	6,81E-16	TRUE
Rv2671	58	4	3,857980995	3,367841555	6,488734009	8,66E-11	3,91E-10	9,56E-11	TRUE
Rv2672	72	159	-1,142957954	-1,633097394	-8,340232278	7,41E-17	4,64E-16	1,13E-16	TRUE
Rv2678c	19	75	-1,980891177	-2,471030617	-7,495140531	6,62E-14	3,56E-13	8,70E-14	TRUE
Rv2681	53	10	2,40599236	1,91585292	4,538072965	5,68E-06	1,68E-05	4,11E-06	TRUE
Rv2687c	80	10	3	2,50986056	6,589692463	4,41E-11	2,02E-10	4,94E-11	TRUE
Rv2689c	23	46	-1	-1,49013944	-4,195595109	2,72E-05	7,50E-05	1,83E-05	TRUE

Rv2691	41	155	-1,918572401	-2,408711841	-10,61777018	2,46E-26	2,32E-25	5,66E-26	TRUE
Rv2692	46	134	-1,542527234	-2,032666674	-8,892027283	6,00E-19	4,21E-18	1,03E-18	TRUE
Rv2693c	430	85	2,338801913	1,848662473	12,6213717	1,61E-36	1,97E-35	4,82E-36	TRUE
Rv2694c	1518	85	4,158565139	3,668425699	34,33730442	2,18E-258	3,40E-256	8,32E-257	TRUE
Rv2696c	502	1264	-1,332237194	-1,822376634	-25,41502259	1,72E-142	9,60E-141	2,35E-141	TRUE
Rv2697c	110	411	-1,90163487	-2,39177431	-17,22134135	1,84E-66	4,17E-65	1,02E-65	TRUE
Rv2698	16	71	-2,14974712	-2,63988656	-7,566163105	3,84E-14	2,09E-13	5,10E-14	TRUE
Rv2699c	260	329	-0,339575961	-0,829715401	-7,007301706	2,43E-12	1,19E-11	2,91E-12	TRUE
Rv2703	371	640	-0,786652718	-1,276792158	-13,92158199	4,68E-44	7,17E-43	1,75E-43	TRUE
Rv2705c	36	3	3,584962501	3,094823061	4,925219514	8,43E-07	2,78E-06	6,78E-07	TRUE
Rv2707	1640	885	0,889946455	0,399807014	6,860374968	6,87E-12	3,31E-11	8,08E-12	TRUE
Rv2710	2816	742	1,924156242	1,434016802	26,96116159	4,22E-160	2,84E-158	6,94E-159	TRUE
Rv2711	1235	609	1,019996909	0,529857469	7,71092193	1,25E-14	7,01E-14	1,71E-14	TRUE
Rv2712c	18	53	-1,557995453	-2,048134893	-5,619401311	1,92E-08	7,27E-08	1,78E-08	TRUE
Rv2713	232	439	-0,920096134	-1,410235574	-12,44150468	1,56E-35	1,84E-34	4,48E-35	TRUE
Rv2714	185	59	1,648738411	1,158598971	5,846842948	5,01E-09	2,00E-08	4,90E-09	TRUE
Rv2717c	66	118	-0,83824893	-1,32838837	-6,161061384	7,23E-10	3,08E-09	7,54E-10	TRUE
Rv2718c	36	116	-1,688055994	-2,178195434	-8,644676857	5,40E-18	3,62E-17	8,85E-18	TRUE
Rv2721c	61	295	-2,273833807	-2,763973247	-15,80590832	2,83E-56	5,37E-55	1,31E-55	TRUE
Rv2722	20	118	-2,560714954	-3,050854395	-10,49791387	8,83E-26	8,02E-25	1,96E-25	TRUE
Rv2723	28	123	-2,135159583	-2,625299023	-9,928949429	3,12E-23	2,64E-22	6,46E-23	TRUE
Rv2724c	66	105	-0,669851398	-1,159990838	-5,225276453	1,74E-07	6,12E-07	1,49E-07	TRUE
Rv2728c	42	6	2,807354922	2,317215482	4,557778468	5,17E-06	1,54E-05	3,77E-06	TRUE
Rv2731	224	54	2,05246742	1,56232798	8,089428688	5,99E-16	3,61E-15	8,81E-16	TRUE
Rv2732c	14	40	-1,514573173	-2,004712613	-4,814373753	1,48E-06	4,76E-06	1,16E-06	TRUE
Rv2733c	10	41	-2,03562391	-2,52576335	-5,610835457	2,01E-08	7,60E-08	1,86E-08	TRUE
Rv2734	61	6	3,345774837	2,855635397	6,166111351	7,00E-10	2,99E-09	7,31E-10	TRUE
Rv2741	14	43	-1,618909833	-2,109049273	-5,157354346	2,50E-07	8,67E-07	2,12E-07	TRUE
Rv2742c	81	12	2,754887502	2,264748062	6,242822842	4,30E-10	1,86E-09	4,54E-10	TRUE
Rv2743c	296	63	2,232173442	1,742034002	10,0511001	9,08E-24	7,83E-23	1,91E-23	TRUE
Rv2744c	2113	356	2,569343621	2,079204181	30,25942914	3,92E-201	4,03E-199	9,85E-200	TRUE
Rv2745c	1214	304	1,997625193	1,507485753	18,35558697	2,98E-75	7,70E-74	1,88E-74	TRUE
Rv2746c	18	1	4,169925001	3,679785561	3,741720075	0,000183	0,00045386	0,00011073	TRUE
Rv2748c	80	16	2,321928095	1,831788655	5,409097101	6,33E-08	2,30E-07	5,63E-08	TRUE
Rv2749	27	94	-1,79970135	-2,28984079	-8,023847079	1,02E-15	6,09E-15	1,49E-15	TRUE
Rv2750	24	66	-1,459431619	-1,949571059	-6,07193143	1,26E-09	5,26E-09	1,28E-09	TRUE
Rv2753c	79	142	-0,845966371	-1,336105811	-6,788953119	1,13E-11	5,36E-11	1,31E-11	TRUE

Rv2760c	2	12	-2,584962501	-3,075101941	-3,3600313	0,000779	0,00175205	0,00042788	TRUE
Rv2764c	198	216	-0,125530882	-0,615670322	-4,371828351	1,23E-05	3,52E-05	8,60E-06	TRUE
Rv2768c	57	12	2,247927513	1,757788073	4,437848742	9,09E-06	2,64E-05	6,45E-06	TRUE
Rv2773c	30	63	-1,070389328	-1,560528768	-5,079700658	3,78E-07	1,28E-06	3,13E-07	TRUE
Rv2774c	27	47	-0,79970135	-1,28984079	-3,800566652	0,000144	0,00036371	8,89E-05	TRUE
Rv2778c	79	97	-0,296132094	-0,786271534	-3,632000318	0,000281	0,00068425	0,0001672	TRUE
Rv2780	4182	1345	1,636586889	1,146447449	27,63985525	3,70E-168	2,89E-166	7,05E-167	TRUE
Rv2781c	69	85	-0,300866479	-0,791005919	-3,417548647	0,000632	0,00144466	0,00035301	TRUE
Rv2783c	273	748	-1,454137319	-1,944276759	-20,41436084	1,25E-92	4,02E-91	9,83E-92	TRUE
Rv2784c	83	158	-0,928741317	-1,418880757	-7,496649883	6,55E-14	3,53E-13	8,62E-14	TRUE
Rv2785c	174	284	-0,706803624	-1,196943064	-8,812183475	1,23E-18	8,48E-18	2,07E-18	TRUE
Rv2788	83	111	-0,419376435	-0,909515875	-4,399350123	1,09E-05	3,12E-05	7,63E-06	TRUE
Rv2789c	25	44	-0,815575429	-1,305714869	-3,712291704	0,000205	0,00050667	0,00012381	TRUE
Rv2790c	29	46	-0,665580961	-1,155720401	-3,448172966	0,000564	0,0012995	0,00031754	TRUE
Rv2791c	1938	1823	0,088254009	-0,401885431	-8,620597413	6,66E-18	4,43E-17	1,08E-17	TRUE
Rv2793c	151	248	-0,715791571	-1,205931011	-8,283386217	1,20E-16	7,41E-16	1,81E-16	TRUE
Rv2794c	29	239	-3,042885813	-3,533025253	-15,91538409	4,96E-57	9,49E-56	2,32E-56	TRUE
Rv2795c	19	87	-2,195015982	-2,685155422	-8,452536978	2,85E-17	1,83E-16	4,47E-17	TRUE
Rv2800	29	101	-1,800230488	-2,290369928	-8,318439398	8,91E-17	5,56E-16	1,36E-16	TRUE
Rv2801A	31	4	2,95419631	2,46405687	4,05919916	4,92E-05	0,00013103	3,20E-05	TRUE
Rv2808	20	67	-1,744161096	-2,234300536	-6,67367629	2,49E-11	1,17E-10	2,85E-11	TRUE
Rv2809	22	2	3,459431619	2,969292179	3,775269792	0,00016	0,00040113	9,79E-05	TRUE
Rv2816c	4	76	-4,247927513	-4,738066953	-9,766906948	1,56E-22	1,27E-21	3,11E-22	TRUE
Rv2818c	13	35	-1,428843299	-1,918982739	-4,37535592	1,21E-05	3,47E-05	8,47E-06	TRUE
Rv2819c	29	123	-2,08453351	-2,57467295	-9,823293486	8,94E-23	7,39E-22	1,81E-22	TRUE
Rv2823c	47	6	2,969626351	2,479486911	5,016042718	5,27E-07	1,76E-06	4,31E-07	TRUE
Rv2827c	163	23	2,825166198	2,335026758	9,0205033	1,87E-19	1,34E-18	3,27E-19	TRUE
Rv2830c	87	7	3,635588574	3,145449134	7,713974263	1,22E-14	6,86E-14	1,68E-14	TRUE
Rv2833c	11	25	-1,184424571	-1,674564011	-3,36644829	0,000761	0,00171971	0,00042022	TRUE
Rv2836c	86	27	1,671377253	1,181237812	4,04814645	5,16E-05	0,00013686	3,34E-05	TRUE
Rv2837c	246	66	1,898120386	1,407980946	7,847127876	4,26E-15	2,47E-14	6,04E-15	TRUE
Rv2838c	310	102	1,603699063	1,113559623	7,332028337	2,27E-13	1,18E-12	2,89E-13	TRUE
Rv2839c	2009	540	1,895446252	1,405306812	22,41717401	2,68E-111	1,06E-109	2,58E-110	TRUE
Rv2840c	107	118	-0,141176063	-0,631315503	-3,304070655	0,000953	0,00209288	0,00051141	TRUE
Rv2841c	147	46	1,676110389	1,185970949	5,309623459	1,10E-07	3,92E-07	9,58E-08	TRUE
Rv2842c	277	48	2,528779665	2,038640225	10,80833468	3,14E-27	3,06E-26	7,48E-27	TRUE
Rv2845c	44	156	-1,8259706	-2,31611004	-10,40817792	2,28E-25	2,04E-24	4,98E-25	TRUE

Rv2846c	244	441	-0,853897508	-1,344036948	-12,02170364	2,73E-33	3,02E-32	7,39E-33	TRUE
Rv2847c	56	122	-1,123382416	-1,613521856	-7,242406828	4,41E-13	2,26E-12	5,53E-13	TRUE
Rv2849c	74	10	2,887525271	2,397385831	6,172887504	6,71E-10	2,87E-09	7,02E-10	TRUE
Rv2850c	33	51	-0,628031223	-1,118170663	-3,535727198	0,000407	0,00096183	0,00023503	TRUE
Rv2856	21	67	-1,673771768	-2,163911208	-6,54275676	6,04E-11	2,74E-10	6,70E-11	TRUE
Rv2857c	14	78	-2,478047297	-2,968186737	-8,423496335	3,65E-17	2,33E-16	5,69E-17	TRUE
Rv2864c	25	4	2,64385619	2,15371675	3,362189686	0,000773	0,00174293	0,00042553	TRUE
Rv2865	118	33	1,83824893	1,34810949	5,257566876	1,46E-07	5,16E-07	1,26E-07	TRUE
Rv2866	20	0	5,321928095	4,831788655	4,241681249	2,22E-05	6,14E-05	1,50E-05	TRUE
Rv2867c	181	65	1,477478074	0,987338634	5,076899051	3,84E-07	1,30E-06	3,18E-07	TRUE
Rv2868c	3291	3837	-0,221452738	-0,711592179	-21,02954843	3,52E-98	1,22E-96	2,97E-97	TRUE
Rv2869c	149	531	-1,83339953	-2,32353897	-19,2439286	1,59E-82	4,59E-81	1,12E-81	TRUE
Rv2872	2	74	-5,209453366	-5,699592806	-9,813953621	9,80E-23	8,09E-22	1,98E-22	TRUE
Rv2874	62	85	-0,455194626	-0,945334066	-3,976526422	6,99E-05	0,0001829	4,47E-05	TRUE
Rv2875	27	71	-1,394859617	-1,884999057	-6,157688501	7,38E-10	3,14E-09	7,67E-10	TRUE
Rv2876	12	61	-2,345774837	-2,835914277	-7,282211555	3,28E-13	1,70E-12	4,16E-13	TRUE
Rv2877c	62	221	-1,833706249	-2,323845689	-12,4134392	2,21E-35	2,59E-34	6,33E-35	TRUE
Rv2878c	91	119	-0,387023123	-0,877162563	-4,41783324	9,97E-06	2,88E-05	7,04E-06	TRUE
Rv2883c	34	128	-1,912537159	-2,402676599	-9,634518906	5,72E-22	4,51E-21	1,10E-21	TRUE
Rv2885c	41	164	-2	-2,49013944	-11,13272176	8,69E-29	8,82E-28	2,15E-28	TRUE
Rv2887	27	53	-0,973032952	-1,463172392	-4,442765442	8,88E-06	2,59E-05	6,32E-06	TRUE
Rv2888c	67	98	-0,548620654	-1,038760094	-4,61647766	3,90E-06	1,19E-05	2,91E-06	TRUE
Rv2889c	63	190	-1,592575685	-2,082715125	-10,75569078	5,57E-27	5,35E-26	1,31E-26	TRUE
Rv2890c	43	188	-2,128324097	-2,618463537	-12,25823518	1,52E-34	1,75E-33	4,27E-34	TRUE
Rv2895c	95	118	-0,312787441	-0,802926881	-4,079063624	4,52E-05	0,00012111	2,96E-05	TRUE
Rv2897c	21	61	-1,538419915	-2,028559355	-5,991311908	2,08E-09	8,56E-09	2,09E-09	TRUE
Rv2900c	235	96	1,291554446	0,801415006	4,84951366	1,24E-06	4,02E-06	9,83E-07	TRUE
Rv2903c	121	26	2,218423519	1,728284079	6,390166964	1,66E-10	7,32E-10	1,79E-10	TRUE
Rv2904c	179	204	-0,188609565	-0,678749005	-4,632943946	3,61E-06	1,10E-05	2,70E-06	TRUE
Rv2906c	92	22	2,064130337	1,573990897	5,212025298	1,87E-07	6,53E-07	1,60E-07	TRUE
Rv2907c	79	96	-0,281181753	-0,771321193	-3,553720196	0,00038	0,0009055	0,00022126	TRUE
Rv2908c	37	4	3,209453366	2,719313926	4,682303045	2,84E-06	8,82E-06	2,16E-06	TRUE
Rv2909c	72	8	3,169925001	2,679785561	6,481066983	9,11E-11	4,11E-10	1,00E-10	TRUE
Rv2910c	125	36	1,795859283	1,305719843	5,279784534	1,29E-07	4,60E-07	1,12E-07	TRUE
Rv2912c	1107	9	6,942514505	6,452375065	31,82710141	2,73E-222	3,23E-220	7,90E-221	TRUE
Rv2913c	5281	56	6,559240504	6,069101064	69,91325517	0	0	0	TRUE
Rv2914c	62	9	2,784271309	2,294131869	5,504496236	3,70E-08	1,37E-07	3,35E-08	TRUE

Rv2916c	123	332	-1,432524926	-1,922664366	-13,49574879	1,66E-41	2,40E-40	5,85E-41	TRUE
Rv2917	15	46	-1,61667136	-2,1068108	-5,33064578	9,79E-08	3,51E-07	8,58E-08	TRUE
Rv2919c	220	256	-0,218640286	-0,708779727	-5,391726333	6,98E-08	2,53E-07	6,19E-08	TRUE
Rv2920c	117	150	-0,358453971	-0,848593411	-4,822427812	1,42E-06	4,58E-06	1,12E-06	TRUE
Rv2922c	53	73	-0,461904104	-0,952043544	-3,706952698	0,00021	0,00051648	0,00012621	TRUE
Rv2923c	32	5	2,678071905	2,187932465	3,841482865	0,000122	0,00031111	7,60E-05	TRUE
Rv2927c	148	16	3,209453366	2,719313926	9,365011981	7,60E-21	5,80E-20	1,42E-20	TRUE
Rv2930	357	162	1,139930261	0,649790821	4,975903019	6,49E-07	2,16E-06	5,29E-07	TRUE
Rv2931	206	714	-1,793279737	-2,283419177	-22,08530221	4,38E-108	1,63E-106	3,98E-107	TRUE
Rv2933	88	197	-1,162620201	-1,652759641	-9,36360976	7,71E-21	5,87E-20	1,43E-20	TRUE
Rv2934	37	56	-0,597901556	-1,088040996	-3,624053851	0,00029	0,000703	0,00017178	TRUE
Rv2935	538	183	1,555762524	1,065623084	9,321854261	1,14E-20	8,60E-20	2,10E-20	TRUE
Rv2940c	2437	1536	0,665928035	0,175788595	3,825876346	0,00013	0,00032978	8,06E-05	TRUE
Rv2941	360	586	-0,702903758	-1,193043198	-12,62907863	1,46E-36	1,80E-35	4,39E-36	TRUE
Rv2946c	96	211	-1,136136688	-1,626276128	-9,579317966	9,77E-22	7,64E-21	1,87E-21	TRUE
Rv2947c	106	205	-0,951559645	-1,441699085	-8,642592946	5,50E-18	3,68E-17	8,99E-18	TRUE
Rv2958c	37	3	3,624490865	3,134351425	5,022411989	5,10E-07	1,71E-06	4,18E-07	TRUE
Rv2962c	165	66	1,321928095	0,831788655	4,195195997	2,73E-05	7,50E-05	1,83E-05	TRUE
Rv2963	159	44	1,853451337	1,363311897	6,15572604	7,47E-10	3,17E-09	7,75E-10	TRUE
Rv2964	46	6	2,938599455	2,448460015	4,926713676	8,36E-07	2,76E-06	6,74E-07	TRUE
Rv2967c	92	35	1,394278939	0,904139499	3,362460147	0,000773	0,00174374	0,00042553	TRUE
Rv2986c	122	42	1,538419915	1,048280475	4,378699736	1,19E-05	3,42E-05	8,36E-06	TRUE
Rv2987c	219	7	4,967432138	4,477292698	13,83087599	1,66E-43	2,52E-42	6,16E-43	TRUE
Rv2988c	282	33	3,095157233	2,605017793	12,63222	1,40E-36	1,73E-35	4,24E-36	TRUE
Rv2989	43	10	2,10433666	1,61419722	3,628798656	0,000285	0,00069171	0,00016897	TRUE
Rv2990c	262	126	1,056143078	0,566003638	3,767119286	0,000165	0,00041338	0,00010101	TRUE
Rv2995c	50	167	-1,739848103	-2,229987543	-10,52445596	6,66E-26	6,12E-25	1,50E-25	TRUE
Rv2996c	37	116	-1,648527629	-2,13866707	-8,546147191	1,27E-17	8,26E-17	2,02E-17	TRUE
Rv2998	7	57	-3,025535092	-3,515674532	-7,75694402	8,70E-15	4,95E-14	1,21E-14	TRUE
Rv3000	5	32	-2,678071905	-3,168211345	-5,562616667	2,66E-08	9,92E-08	2,42E-08	TRUE
Rv3001c	147	623	-2,083416008	-2,573555448	-22,10901875	2,59E-108	9,72E-107	2,37E-107	TRUE
Rv3003c	244	578	-1,244188345	-1,734327785	-16,59903447	7,08E-62	1,48E-60	3,61E-61	TRUE
Rv3005c	39	88	-1,1740294	-1,66416884	-6,288439529	3,21E-10	1,40E-09	3,41E-10	TRUE
Rv3007c	195	61	1,676592976	1,186453536	6,117536496	9,50E-10	3,99E-09	9,76E-10	TRUE
Rv3008	96	22	2,125530882	1,635391442	5,473276265	4,42E-08	1,62E-07	3,97E-08	TRUE
Rv3009c	152	49	1,633217669	1,143078229	5,242746404	1,58E-07	5,58E-07	1,36E-07	TRUE
Rv3010c	224	29	2,949373927	2,459234487	10,90012511	1,15E-27	1,13E-26	2,77E-27	TRUE

Rv3011c	8	55	-2,781359714	-3,271499154	-7,396891837	1,39E-13	7,36E-13	1,80E-13	TRUE
Rv3015c	39	83	-1,089637212	-1,579776653	-5,882869009	4,03E-09	1,63E-08	3,97E-09	TRUE
Rv3017c	34	119	-1,807354922	-2,297494362	-9,046325266	1,48E-19	1,06E-18	2,59E-19	TRUE
Rv3020c	19	45	-1,243925583	-1,734065023	-4,629141499	3,67E-06	1,12E-05	2,74E-06	TRUE
Rv3022A	29	1	4,857980995	4,367841555	5,003773252	5,62E-07	1,88E-06	4,59E-07	TRUE
Rv3023c	19	52	-1,452512205	-1,942651645	-5,376861451	7,58E-08	2,74E-07	6,69E-08	TRUE
Rv3026c	8	43	-2,426264755	-2,916404195	-6,200480685	5,63E-10	2,43E-09	5,93E-10	TRUE
Rv3027c	61	17	1,843274496	1,353135056	3,790800345	0,00015	0,00037783	9,23E-05	TRUE
Rv3028c	44	90	-1,032421478	-1,522560918	-5,962925712	2,48E-09	1,02E-08	2,48E-09	TRUE
Rv3029c	79	178	-1,171952683	-1,662092123	-8,936274432	4,03E-19	2,83E-18	6,92E-19	TRUE
Rv3032	5	19	-1,925999419	-2,416138859	-3,723799479	0,000196	0,00048503	0,00011852	TRUE
Rv3034c	57	12	2,247927513	1,757788073	4,437848742	9,09E-06	2,64E-05	6,45E-06	TRUE
Rv3036c	46	9	2,353636955	1,863497515	4,149711128	3,33E-05	9,03E-05	2,21E-05	TRUE
Rv3037c	42	6	2,807354922	2,317215482	4,557778468	5,17E-06	1,54E-05	3,77E-06	TRUE
Rv3038c	82	21	1,965234582	1,475095142	4,691137796	2,72E-06	8,48E-06	2,07E-06	TRUE
Rv3040c	11	70	-2,669851398	-3,159990838	-8,217718959	2,07E-16	1,28E-15	3,13E-16	TRUE
Rv3041c	64	7	3,192645078	2,702505638	6,137980394	8,36E-10	3,54E-09	8,64E-10	TRUE
Rv3043c	262	543	-1,051385386	-1,541524826	-14,78593793	1,81E-49	3,06E-48	7,49E-49	TRUE
Rv3044	22	97	-2,140481224	-2,630620664	-8,826918662	1,08E-18	7,48E-18	1,83E-18	TRUE
Rv3045	111	180	-0,69743723	-1,18757667	-6,971270044	3,14E-12	1,53E-11	3,73E-12	TRUE
Rv3046c	85	20	2,087462841	1,597323401	5,063546679	4,12E-07	1,39E-06	3,40E-07	TRUE
Rv3049c	538	252	1,094182439	0,604042999	5,724426736	1,04E-08	4,04E-08	9,87E-09	TRUE
Rv3050c	240	89	1,431157165	0,941017725	5,616968262	1,94E-08	7,35E-08	1,80E-08	TRUE
Rv3051c	2654	1218	1,123654237	0,633514797	13,28928132	2,67E-40	3,69E-39	9,01E-40	TRUE
Rv3052c	1627	1018	0,67647669	0,18633725	3,305039922	0,00095	0,00208683	0,00050993	TRUE
Rv3053c	489	160	1,61176256	1,12162312	9,26353898	1,98E-20	1,47E-19	3,60E-20	TRUE
Rv3054c	411	11	5,223562965	4,733423525	19,16227812	7,65E-82	2,15E-80	5,25E-81	TRUE
Rv3055	35	3	3,544320516	3,054181076	4,826428313	1,39E-06	4,50E-06	1,10E-06	TRUE
Rv3058c	92	16	2,523561956	2,033422516	6,218030338	5,03E-10	2,17E-09	5,31E-10	TRUE
Rv3059	76	215	-1,500265336	-1,990404776	-11,11088928	1,11E-28	1,11E-27	2,72E-28	TRUE
Rv3060c	449	77	2,543785094	2,053645654	13,82719725	1,75E-43	2,64E-42	6,46E-43	TRUE
Rv3061c	1313	101	3,700439718	3,210300278	30,25579265	4,38E-201	4,38E-199	1,07E-199	TRUE
Rv3062	299	91	1,716207034	1,226067594	7,775102314	7,54E-15	4,32E-14	1,05E-14	TRUE
Rv3063	109	6	4,183221824	3,693082384	9,219876224	2,97E-20	2,19E-19	5,36E-20	TRUE
Rv3068c	42	59	-0,490325627	-0,980465067	-3,415164226	0,000637	0,00145439	0,00035528	TRUE
Rv3072c	44	3	3,874469118	3,384329678	5,663051865	1,49E-08	5,69E-08	1,39E-08	TRUE
Rv3074	6	22	-1,874469118	-2,364608558	-3,956736542	7,60E-05	0,00019701	4,81E-05	TRUE

Rv3077	32	113	-1,820178962	-2,310318402	-8,84480832	9,17E-19	6,42E-18	1,57E-18	TRUE
Rv3078	11	38	-1,788495895	-2,278635335	-5,086369555	3,65E-07	1,24E-06	3,03E-07	TRUE
Rv3079c	63	7	3,169925001	2,679785561	6,06246144	1,34E-09	5,56E-09	1,36E-09	TRUE
Rv3080c	135	32	2,076815597	1,586676157	6,350700036	2,14E-10	9,41E-10	2,30E-10	TRUE
Rv3082c	86	7	3,618909833	3,128770393	7,650924894	2,00E-14	1,11E-13	2,70E-14	TRUE
Rv3086	158	57	1,470890734	0,980751294	4,717037091	2,39E-06	7,52E-06	1,84E-06	TRUE
Rv3089	71	128	-0,85025288	-1,340392321	-6,461400318	1,04E-10	4,65E-10	1,14E-10	TRUE
Rv3094c	115	19	2,597562538	2,107423097	7,113235262	1,13E-12	5,67E-12	1,38E-12	TRUE
Rv3095	83	4	4,375039431	3,884899991	8,186574719	2,69E-16	1,65E-15	4,02E-16	TRUE
Rv3097c	165	61	1,435584877	0,945445437	4,675414601	2,93E-06	9,10E-06	2,22E-06	TRUE
Rv3098A	85	110	-0,371968777	-0,862108217	-4,185458396	2,85E-05	7,79E-05	1,90E-05	TRUE
Rv3099c	42	7	2,584962501	2,094823061	4,282244797	1,85E-05	5,19E-05	1,27E-05	TRUE
Rv3104c	46	73	-0,666262603	-1,156402043	-4,345976552	1,39E-05	3,93E-05	9,61E-06	TRUE
Rv3105c	31	49	-0,660513534	-1,150652974	-3,546356385	0,000391	0,00092779	0,00022671	TRUE
Rv3115	46	166	-1,851477475	-2,341616915	-10,80701777	3,19E-27	3,10E-26	7,57E-27	TRUE
Rv3116	93	26	1,838719093	1,348579653	4,66868429	3,03E-06	9,39E-06	2,29E-06	TRUE
Rv3117	177	194	-0,132307292	-0,622446732	-4,183791133	2,87E-05	7,83E-05	1,91E-05	TRUE
Rv3118	97	208	-1,100526876	-1,590666316	-9,360296085	7,95E-21	6,04E-20	1,48E-20	TRUE
Rv3119	149	25	2,575312331	2,085172891	8,042361416	8,81E-16	5,27E-15	1,29E-15	TRUE
Rv3120	35	4	3,129283017	2,639143577	4,481563945	7,41E-06	2,17E-05	5,30E-06	TRUE
Rv3122	57	1	5,832890014	5,342750574	7,247128734	4,26E-13	2,19E-12	5,34E-13	TRUE
Rv3123	34	2	4,087462841	3,597323401	5,099638986	3,40E-07	1,16E-06	2,84E-07	TRUE
Rv3124	13	0	4,700439718	4,210300278	3,318724439	0,000904	0,00199507	0,00048723	TRUE
Rv3127	98	559	-2,511994629	-3,002134069	-22,67977609	7,09E-114	2,89E-112	7,05E-113	TRUE
Rv3130c	244	1422	-2,542968412	-3,033107852	-36,36576001	1,48E-289	2,89E-287	7,07E-288	TRUE
Rv3131	147	985	-2,74430757	-3,23444701	-31,16113225	3,58E-213	3,89E-211	9,50E-212	TRUE
Rv3132c	67	248	-1,88810712	-2,37824656	-13,33163622	1,52E-40	2,11E-39	5,16E-40	TRUE
Rv3133c	36	428	-3,571541985	-4,061681425	-22,34266212	1,42E-110	5,50E-109	1,34E-109	TRUE
Rv3134c	64	402	-2,651051691	-3,141191131	-19,64296644	6,64E-86	1,99E-84	4,87E-85	TRUE
Rv3135	4	29	-2,857980995	-3,348120435	-5,424373582	5,82E-08	2,12E-07	5,19E-08	TRUE
Rv3136	27	126	-2,222392421	-2,712531861	-10,22744085	1,49E-24	1,31E-23	3,20E-24	TRUE
Rv3137	14	43	-1,618909833	-2,109049273	-5,157354346	2,50E-07	8,67E-07	2,12E-07	TRUE
Rv3138	52	75	-0,528378972	-1,018518412	-3,973705833	7,08E-05	0,00018459	4,51E-05	TRUE
Rv3139	209	356	-0,768374299	-1,258513739	-10,26422631	1,02E-24	9,04E-24	2,21E-24	TRUE
Rv3140	255	349	-0,452729789	-0,942869229	-8,042206804	8,82E-16	5,27E-15	1,29E-15	TRUE
Rv3150	15	44	-1,552541023	-2,042680463	-5,11126193	3,20E-07	1,10E-06	2,68E-07	TRUE
Rv3155	1	66	-6,044394119	-6,534533559	-9,194608354	3,76E-20	2,76E-19	6,75E-20	TRUE

Rv3158	60	168	-1,485426827	-1,975566267	-9,773204528	1,47E-22	1,20E-21	2,93E-22	TRUE
Rv3159c	96	5	4,263034406	3,772894966	8,718159137	2,83E-18	1,91E-17	4,68E-18	TRUE
Rv3160c	72	3	4,584962501	4,094823061	7,749695285	9,21E-15	5,23E-14	1,28E-14	TRUE
Rv3161c	254	15	4,081794091	3,591654651	13,93112275	4,10E-44	6,30E-43	1,54E-43	TRUE
Rv3166c	31	82	-1,403355694	-1,893495134	-6,63762254	3,19E-11	1,47E-10	3,60E-11	TRUE
Rv3167c	24	57	-1,247927513	-1,738066953	-5,218378434	1,80E-07	6,33E-07	1,55E-07	TRUE
Rv3168	139	18	2,949016071	2,458876631	8,585445433	9,05E-18	5,95E-17	1,45E-17	TRUE
Rv3169	65	10	2,700439718	2,210300278	5,509614779	3,60E-08	1,33E-07	3,25E-08	TRUE
Rv3171c	97	110	-0,181446871	-0,671586311	-3,369959542	0,000752	0,00169893	0,00041514	TRUE
Rv3172c	111	216	-0,960471636	-1,450611076	-8,912581405	4,99E-19	3,50E-18	8,56E-19	TRUE
Rv3173c	140	51	1,456857675	0,966718235	4,387291736	1,15E-05	3,29E-05	8,05E-06	TRUE
Rv3174	28	1	4,807354922	4,317215482	4,902577089	9,46E-07	3,10E-06	7,58E-07	TRUE
Rv3175	19	1	4,247927513	3,757788073	3,873034813	0,000107	0,00027479	6,71E-05	TRUE
Rv3176c	128	20	2,678071905	2,187932465	7,683311972	1,55E-14	8,66E-14	2,12E-14	TRUE
Rv3177	23	53	-1,204358499	-1,694497939	-4,942975371	7,69E-07	2,55E-06	6,23E-07	TRUE
Rv3181c	18	49	-1,444784843	-1,934924283	-5,205649297	1,93E-07	6,75E-07	1,65E-07	TRUE
Rv3185	21	39	-0,893084796	-1,383224236	-3,653059899	0,000259	0,00063403	0,00015493	TRUE
Rv3187	22	47	-1,095157233	-1,585296673	-4,437984035	9,08E-06	2,64E-05	6,45E-06	TRUE
Rv3188	136	247	-0,86090439	-1,35104383	-9,031323826	1,70E-19	1,22E-18	2,97E-19	TRUE
Rv3189	148	347	-1,229338487	-1,719477927	-12,78173396	2,07E-37	2,66E-36	6,49E-37	TRUE
Rv3190c	24	52	-1,115477217	-1,605616657	-4,711315623	2,46E-06	7,71E-06	1,88E-06	TRUE
Rv3198c	60	122	-1,023846742	-1,513986182	-6,913887015	4,72E-12	2,28E-11	5,58E-12	TRUE
Rv3200c	75	24	1,64385619	1,15371675	3,709946732	0,000207	0,00051074	0,0001248	TRUE
Rv3201c	108	135	-0,321928095	-0,812067535	-4,40577464	1,05E-05	3,04E-05	7,42E-06	TRUE
Rv3203	52	9	2,530514717	2,040375277	4,685016681	2,80E-06	8,71E-06	2,13E-06	TRUE
Rv3205c	705	284	1,311732328	0,821592888	8,58406286	9,16E-18	6,01E-17	1,47E-17	TRUE
Rv3206c	2484	1378	0,850089286	0,359949845	7,6599671	1,86E-14	1,03E-13	2,52E-14	TRUE
Rv3207c	43	211	-2,294834434	-2,784973874	-13,41950358	4,65E-41	6,65E-40	1,62E-40	TRUE
Rv3208	38	106	-1,479992941	-1,970132381	-7,748702312	9,28E-15	5,25E-14	1,28E-14	TRUE
Rv3208A	5	25	-2,321928095	-2,812067535	-4,641811333	3,45E-06	1,06E-05	2,59E-06	TRUE
Rv3211	276	41	2,750972452	2,260833012	11,5126435	1,14E-30	1,20E-29	2,93E-30	TRUE
Rv3212	50	13	1,943416472	1,453277032	3,62258318	0,000292	0,00070526	0,00017223	TRUE
Rv3219	1851	9541	-2,365835589	-2,855975029	-91,85675603	0	0	0	TRUE
Rv3220c	285	663	-1,218046951	-1,708186391	-17,59047699	2,91E-69	6,77E-68	1,66E-68	TRUE
Rv3221A	457	66	2,791656236	2,301516796	14,97604841	1,05E-50	1,83E-49	4,47E-50	TRUE
Rv3221c	160	53	1,59400764	1,1038682	5,229885134	1,70E-07	5,97E-07	1,46E-07	TRUE
Rv3222c	329	108	1,607056272	1,116916832	7,57184041	3,68E-14	2,01E-13	4,90E-14	TRUE

Rv3223c	806	421	0,936959605	0,446820165	5,327410227	9,96E-08	3,57E-07	8,71E-08	TRUE
Rv3227	19	35	-0,881355504	-1,371494944	-3,438281182	0,000585	0,00134633	0,00032898	TRUE
Rv3228	15	30	-1	-1,49013944	-3,38820319	0,000704	0,00159446	0,00038962	TRUE
Rv3230c	654	1029	-0,653880441	-1,144019881	-16,19137756	5,80E-59	1,13E-57	2,77E-58	TRUE
Rv3231c	13	40	-1,621488377	-2,111627817	-4,97804066	6,42E-07	2,14E-06	5,23E-07	TRUE
Rv3233c	31	1	4,95419631	4,46405687	5,199977714	1,99E-07	6,95E-07	1,70E-07	TRUE
Rv3234c	48	8	2,584962501	2,094823061	4,577925567	4,70E-06	1,41E-05	3,45E-06	TRUE
Rv3236c	84	271	-1,689831619	-2,179971059	-13,22114794	6,62E-40	9,08E-39	2,22E-39	TRUE
Rv3239c	92	28	1,716207034	1,226067594	4,312265816	1,62E-05	4,54E-05	1,11E-05	TRUE
Rv3240c	555	283	0,971685718	0,481546278	4,734682229	2,19E-06	6,92E-06	1,69E-06	TRUE
Rv3245c	155	28	2,468769483	1,978630043	7,928654211	2,22E-15	1,30E-14	3,16E-15	TRUE
Rv3247c	28	1	4,807354922	4,317215482	4,902577089	9,46E-07	3,10E-06	7,58E-07	TRUE
Rv3248c	1640	113	3,859301137	3,369161697	34,52653692	3,21E-261	5,45E-259	1,33E-259	TRUE
Rv3249c	544	7	6,280107919	5,789968479	22,45487955	1,15E-111	4,57E-110	1,12E-110	TRUE
Rv3250c	1261	110	3,518992847	3,028853407	28,86860669	2,96E-183	2,46E-181	6,01E-182	TRUE
Rv3251c	568	13	5,449307401	4,959167961	22,69627205	4,88E-114	2,03E-112	4,95E-113	TRUE
Rv3252c	1442	282	2,354304097	1,864164657	23,25655836	1,22E-119	5,48E-118	1,34E-118	TRUE
Rv3257c	255	62	2,040157126	1,550017686	8,581494822	9,36E-18	6,14E-17	1,50E-17	TRUE
Rv3258c	35	8	2,129283017	1,639143577	3,310118966	0,000933	0,0020528	0,00050133	TRUE
Rv3260c	58	132	-1,186413124	-1,676552564	-7,742678981	9,73E-15	5,50E-14	1,34E-14	TRUE
Rv3264c	57	88	-0,626541604	-1,116681045	-4,639631869	3,49E-06	1,07E-05	2,62E-06	TRUE
Rv3266c	53	6	3,142957954	2,652818514	5,53034195	3,20E-08	1,19E-07	2,90E-08	TRUE
Rv3267	67	7	3,258734268	2,768594828	6,360514567	2,01E-10	8,84E-10	2,16E-10	TRUE
Rv3268	62	15	2,047305715	1,557166275	4,245217275	2,18E-05	6,07E-05	1,48E-05	TRUE
Rv3272	49	10	2,292781749	1,802642309	4,186956655	2,83E-05	7,74E-05	1,89E-05	TRUE
Rv3273	69	109	-0,659659868	-1,149799308	-5,286450115	1,25E-07	4,44E-07	1,08E-07	TRUE
Rv3274c	164	39	2,072149786	1,582010346	6,98483498	2,85E-12	1,39E-11	3,41E-12	TRUE
Rv3283	199	92	1,113062664	0,622923224	3,577610109	0,000347	0,00083173	0,00020324	TRUE
Rv3288c	649	113	2,521895706	2,031756266	16,51089315	3,06E-61	6,30E-60	1,54E-60	TRUE
Rv3289c	398	44	3,177193002	2,687053562	15,26184317	1,37E-52	2,46E-51	6,01E-52	TRUE
Rv3290c	1629	379	2,10371685	1,61357741	22,34930111	1,23E-110	4,79E-109	1,17E-109	TRUE
Rv3295	153	51	1,584962501	1,094823061	5,080229914	3,77E-07	1,28E-06	3,13E-07	TRUE
Rv3296	29	112	-1,949373927	-2,439513367	-9,092118123	9,71E-20	7,04E-19	1,72E-19	TRUE
Rv3300c	25	4	2,64385619	2,15371675	3,362189686	0,000773	0,00174293	0,00042553	TRUE
Rv3301c	63	262	-2,056143078	-2,546282518	-14,24989894	4,49E-46	7,24E-45	1,77E-45	TRUE
Rv3309c	84	11	2,932885804	2,442746364	6,64875782	2,96E-11	1,37E-10	3,35E-11	TRUE
Rv3312A	7	20	-1,514573173	-2,004712613	-3,404228495	0,000664	0,00150992	0,00036896	TRUE

Rv3312c	62	18	1,784271309	1,294131869	3,692668133	0,000222	0,00054536	0,00013326	TRUE
Rv3314c	8	59	-2,882643049	-3,372782489	-7,760925373	8,43E-15	4,81E-14	1,17E-14	TRUE
Rv3316	9	22	-1,289506617	-1,779646057	-3,295608847	0,000982	0,00215573	0,00052677	TRUE
Rv3318	8	23	-1,523561956	-2,013701396	-3,661297266	0,000251	0,00061515	0,00015031	TRUE
Rv3323c	51	105	-1,041820176	-1,531959616	-6,469986833	9,80E-11	4,40E-10	1,08E-10	TRUE
Rv3326	19	51	-1,424497829	-1,914637269	-5,273658162	1,34E-07	4,74E-07	1,16E-07	TRUE
Rv3333c	10	32	-1,678071905	-2,168211345	-4,527169984	5,98E-06	1,77E-05	4,32E-06	TRUE
Rv3334	575	97	2,567505304	2,077365864	15,76424529	5,48E-56	1,03E-54	2,52E-55	TRUE
Rv3338	61	96	-0,654225163	-1,144364603	-4,942340019	7,72E-07	2,56E-06	6,25E-07	TRUE
Rv3339c	72	16	2,169925001	1,679785561	4,831288112	1,36E-06	4,39E-06	1,07E-06	TRUE
Rv3340	110	459	-2,06099063	-2,55113007	-18,88331882	1,56E-79	4,16E-78	1,02E-78	TRUE
Rv3341	42	272	-2,695145418	-3,185284859	-16,25872266	1,94E-59	3,82E-58	9,34E-59	TRUE
Rv3342	27	220	-3,026472211	-3,516611651	-15,24190468	1,86E-52	3,32E-51	8,12E-52	TRUE
Rv3343c	195	421	-1,110346109	-1,600485549	-13,37849367	8,08E-41	1,14E-39	2,79E-40	TRUE
Rv3347c	789	459	0,781531147	0,291391707	3,531332839	0,000413	0,00097618	0,00023854	TRUE
Rv3352c	3	27	-3,169925001	-3,660064441	-5,420546782	5,94E-08	2,17E-07	5,29E-08	TRUE
Rv3354	10	49	-2,292781749	-2,782921189	-6,463828312	1,02E-10	4,58E-10	1,12E-10	TRUE
Rv3357	15	122	-3,023846742	-3,513986182	-11,34653751	7,72E-30	8,03E-29	1,96E-29	TRUE
Rv3360	24	63	-1,392317423	-1,882456863	-5,795107596	6,83E-09	2,70E-08	6,59E-09	TRUE
Rv3365c	39	60	-0,621488377	-1,111627817	-3,816952781	0,000135	0,00034127	8,34E-05	TRUE
Rv3370c	84	26	1,691877705	1,201738265	4,055791489	5,00E-05	0,00013259	3,24E-05	TRUE
Rv3371	46	285	-2,631256153	-3,121395593	-16,49062104	4,29E-61	8,76E-60	2,14E-60	TRUE
Rv3372	12	35	-1,544320516	-2,034459956	-4,546744047	5,45E-06	1,62E-05	3,96E-06	TRUE
Rv3373	4	16	-2	-2,49013944	-3,476972493	0,000507	0,00117873	0,00028803	TRUE
Rv3374	0	11	-4,459431619	-4,949571059	-3,741863271	0,000183	0,00045461	0,00011073	TRUE
Rv3376	57	330	-2,5334322	-3,02357164	-17,48302879	1,93E-68	4,43E-67	1,08E-67	TRUE
Rv3384c	34	80	-1,234465254	-1,724604694	-6,148754546	7,81E-10	3,31E-09	8,09E-10	TRUE
Rv3385c	48	81	-0,754887502	-1,245026942	-4,853677782	1,21E-06	3,94E-06	9,64E-07	TRUE
Rv3389c	60	244	-2,023846742	-2,513986182	-13,65334401	1,93E-42	2,84E-41	6,94E-42	TRUE
Rv3392c	4	15	-1,906890596	-2,397030036	-3,293394471	0,00099	0,00217034	0,00053034	TRUE
Rv3395c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv3396c	30	210	-2,807354922	-3,297494362	-14,5040272	1,14E-47	1,88E-46	4,60E-47	TRUE
Rv3399	28	64	-1,192645078	-1,682784518	-5,405219194	6,47E-08	2,35E-07	5,75E-08	TRUE
Rv3402c	37	175	-2,241757746	-2,731897186	-12,09885481	1,07E-33	1,20E-32	2,94E-33	TRUE
Rv3403c	77	14	2,459431619	1,969292179	5,570706121	2,54E-08	9,49E-08	2,32E-08	TRUE
Rv3404c	41	10	2,03562391	1,54548447	3,433203297	0,000596	0,00136978	0,00033462	TRUE
Rv3405c	159	44	1,853451337	1,363311897	6,15572604	7,47E-10	3,17E-09	7,75E-10	TRUE

Rv3406	970	16	5,921840937	5,431701497	29,93308991	7,30E-197	6,96E-195	1,70E-195	TRUE
Rv3407	1412	479	1,559642528	1,069503087	15,15575605	6,94E-52	1,22E-50	2,98E-51	TRUE
Rv3408	416	71	2,550692599	2,060553159	13,33794312	1,39E-40	1,95E-39	4,76E-40	TRUE
Rv3410c	102	9	3,502500341	3,0123609	8,185812016	2,70E-16	1,65E-15	4,04E-16	TRUE
Rv3411c	208	92	1,176877762	0,686738322	3,987988476	6,66E-05	0,00017452	4,26E-05	TRUE
Rv3414c	43	9	2,256339753	1,766200313	3,867286197	0,00011	0,0002807	6,85E-05	TRUE
Rv3417c	663	302	1,134460321	0,644320881	6,731962392	1,67E-11	7,89E-11	1,93E-11	TRUE
Rv3418c	1797	664	1,436335262	0,946195822	15,45797514	6,67E-54	1,22E-52	2,97E-53	TRUE
Rv3423c	18	75	-2,058893689	-2,549033129	-7,6279237	2,39E-14	1,31E-13	3,21E-14	TRUE
Rv3425	64	6	3,415037499	2,924898059	6,391931547	1,64E-10	7,26E-10	1,77E-10	TRUE
Rv3426	20	131	-2,711494907	-3,201634347	-11,30841977	1,19E-29	1,24E-28	3,03E-29	TRUE
Rv3427c	16	52	-1,700439718	-2,190579158	-5,808087196	6,32E-09	2,50E-08	6,12E-09	TRUE
Rv3428c	35	5	2,807354922	2,317215482	4,160650393	3,17E-05	8,64E-05	2,11E-05	TRUE
Rv3432c	16	44	-1,459431619	-1,949571059	-4,957633144	7,14E-07	2,37E-06	5,79E-07	TRUE
Rv3434c	30	3	3,321928095	2,831788655	4,305809644	1,66E-05	4,67E-05	1,14E-05	TRUE
Rv3437	35	61	-0,801454321	-1,291593761	-4,334387224	1,46E-05	4,14E-05	1,01E-05	TRUE
Rv3438	64	6	3,415037499	2,924898059	6,391931547	1,64E-10	7,26E-10	1,77E-10	TRUE
Rv3439c	22	46	-1,064130337	-1,554269777	-4,327792259	1,51E-05	4,26E-05	1,04E-05	TRUE
Rv3440c	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv3445c	6	66	-3,459431619	-3,949571059	-8,69786094	3,38E-18	2,27E-17	5,55E-18	TRUE
Rv3450c	41	59	-0,525091045	-1,015230485	-3,51501718	0,00044	0,00103193	0,00025216	TRUE
Rv3454	21	99	-2,237039197	-2,727178637	-9,091367076	9,78E-20	7,07E-19	1,73E-19	TRUE
Rv3456c	184	257	-0,482062593	-0,972202033	-7,079211802	1,45E-12	7,20E-12	1,76E-12	TRUE
Rv3457c	373	446	-0,25786808	-0,74800752	-7,461150541	8,58E-14	4,60E-13	1,12E-13	TRUE
Rv3458c	236	100	1,23878686	0,74864742	4,58155645	4,62E-06	1,39E-05	3,39E-06	TRUE
Rv3459c	221	237	-0,10084069	-0,59098013	-4,414734209	1,01E-05	2,92E-05	7,13E-06	TRUE
Rv3461c	176	61	1,528694281	1,038554841	5,219416707	1,79E-07	6,30E-07	1,54E-07	TRUE
Rv3463	134	14	3,258734268	2,768594828	8,99535731	2,35E-19	1,67E-18	4,09E-19	TRUE
Rv3464	108	38	1,506959989	1,016820549	4,017978991	5,87E-05	0,00015477	3,78E-05	TRUE
Rv3465	27	60	-1,152003093	-1,642142533	-5,143264162	2,70E-07	9,31E-07	2,27E-07	TRUE
Rv3468c	4	51	-3,672425342	-4,162564782	-7,766125101	8,09E-15	4,63E-14	1,13E-14	TRUE
Rv3472	52	12	2,115477217	1,625337777	4,010339398	6,06E-05	0,00015944	3,90E-05	TRUE
Rv3475	12	48	-2	-2,49013944	-6,022407442	1,72E-09	7,08E-09	1,73E-09	TRUE
Rv3476c	35	75	-1,099535674	-1,589675114	-5,617532521	1,94E-08	7,34E-08	1,79E-08	TRUE
Rv3477	86	424	-2,3016557	-2,79179514	-19,04919353	6,67E-81	1,82E-79	4,45E-80	TRUE
Rv3478	51	553	-3,438710328	-3,928849768	-25,13936732	1,85E-139	9,88E-138	2,41E-138	TRUE
Rv3479	82	250	-1,60823228	-2,09837172	-12,39718867	2,71E-35	3,16E-34	7,73E-35	TRUE

Rv3480c	84	117	-0,478047297	-0,968186737	-4,759430802	1,94E-06	6,16E-06	1,51E-06	TRUE
Rv3483c	50	66	-0,40053793	-0,89067737	-3,332782708	0,00086	0,0019148	0,00046776	TRUE
Rv3485c	23	158	-2,780218792	-3,270358232	-12,53577296	4,76E-36	5,68E-35	1,39E-35	TRUE
Rv3487c	31	75	-1,27462238	-1,76476182	-6,049857926	1,45E-09	6,00E-09	1,47E-09	TRUE
Rv3491	82	27	1,602664502	1,112525062	3,767531948	0,000165	0,00041297	0,00010091	TRUE
Rv3501c	34	1	5,087462841	4,597323401	5,480324324	4,25E-08	1,56E-07	3,82E-08	TRUE
Rv3502c	278	20	3,797012978	3,306873538	14,09786059	3,91E-45	6,11E-44	1,49E-44	TRUE
Rv3503c	255	51	2,321928095	1,831788655	9,658067644	4,54E-22	3,60E-21	8,79E-22	TRUE
Rv3504	478	163	1,552138654	1,061999214	8,761945337	1,92E-18	1,31E-17	3,20E-18	TRUE
Rv3505	221	20	3,465974465	2,975835024	11,97918236	4,57E-33	5,00E-32	1,22E-32	TRUE
Rv3507	46	12	1,938599455	1,448460015	3,466026399	0,000528	0,00122486	0,00029914	TRUE
Rv3513c	134	19	2,818161677	2,328022237	8,164060539	3,24E-16	1,97E-15	4,82E-16	TRUE
Rv3515c	491	33	3,895185095	3,405045655	18,9677546	3,15E-80	8,43E-79	2,06E-79	TRUE
Rv3516	93	2	5,539158811	5,049019371	9,204936042	3,42E-20	2,51E-19	6,14E-20	TRUE
Rv3517	26	64	-1,299560282	-1,789699722	-5,643103401	1,67E-08	6,35E-08	1,55E-08	TRUE
Rv3518c	314	151	1,05621601	0,56607657	4,124702426	3,71E-05	0,00010018	2,45E-05	TRUE
Rv3519	54	15	1,847996907	1,357857467	3,576173546	0,000349	0,0008358	0,00020423	TRUE
Rv3520c	142	176	-0,309684499	-0,799823939	-4,965404857	6,86E-07	2,28E-06	5,57E-07	TRUE
Rv3521	47	7	2,74723393	2,25709449	4,745549832	2,08E-06	6,58E-06	1,61E-06	TRUE
Rv3526	1388	273	2,346034712	1,855895272	22,74770846	1,51E-114	6,35E-113	1,55E-113	TRUE
Rv3529c	181	42	2,107528464	1,617389024	7,456240307	8,90E-14	4,76E-13	1,16E-13	TRUE
Rv3530c	94	6	3,969626351	3,479486911	8,370968348	5,71E-17	3,60E-16	8,80E-17	TRUE
Rv3531c	790	54	3,870821341	3,380681901	23,99078916	3,47E-127	1,69E-125	4,14E-126	TRUE
Rv3533c	151	18	3,068479738	2,578340298	9,190898216	3,90E-20	2,85E-19	6,97E-20	TRUE
Rv3534c	309	84	1,879145605	1,389006165	8,705128491	3,17E-18	2,14E-17	5,23E-18	TRUE
Rv3535c	720	252	1,514573173	1,024433733	10,44276208	1,58E-25	1,42E-24	3,48E-25	TRUE
Rv3536c	379	60	2,659163443	2,169024003	13,15128607	1,67E-39	2,28E-38	5,56E-39	TRUE
Rv3537	159	58	1,45490196	0,96476252	4,667718987	3,05E-06	9,42E-06	2,30E-06	TRUE
Rv3538	96	6	4	3,50986056	8,488605103	2,09E-17	1,35E-16	3,29E-17	TRUE
Rv3542c	30	5	2,584962501	2,094823061	3,619136355	0,000296	0,00071273	0,00017411	TRUE
Rv3543c	86	30	1,519374159	1,029234719	3,621379342	0,000293	0,00070767	0,00017292	TRUE
Rv3544c	270	61	2,146078259	1,655938819	9,262161529	2,00E-20	1,49E-19	3,64E-20	TRUE
Rv3545c	715	192	1,896836931	1,406697491	13,37279427	8,72E-41	1,23E-39	3,00E-40	TRUE
Rv3546	294	28	3,392317423	2,902177983	13,6482085	2,07E-42	3,04E-41	7,42E-42	TRUE
Rv3547	97	4	4,599912842	4,109773402	9,004600218	2,16E-19	1,54E-18	3,76E-19	TRUE
Rv3556c	64	11	2,540568381	2,050428941	5,214108218	1,85E-07	6,47E-07	1,58E-07	TRUE
Rv3560c	17	1	4,087462841	3,597323401	3,605971653	0,000311	0,00074802	0,00018273	TRUE

Rv3562	4	34	-3,087462841	-3,577602281	-6,031304693	1,63E-09	6,71E-09	1,64E-09	TRUE
Rv3566A	25	2	3,64385619	3,15371675	4,139971022	3,47E-05	9,40E-05	2,30E-05	TRUE
Rv3567c	94	4	4,554588852	4,064449412	8,835622507	9,95E-19	6,94E-18	1,70E-18	TRUE
Rv3568c	400	34	3,556393349	3,066253908	16,34863363	4,45E-60	8,95E-59	2,19E-59	TRUE
Rv3569c	453	32	3,82336724	3,3332278	18,05791523	6,84E-73	1,71E-71	4,18E-72	TRUE
Rv3570c	854	91	3,230297619	2,740158179	22,5929392	5,08E-113	2,05E-111	5,00E-112	TRUE
Rv3571	399	172	1,213980182	0,723840741	5,785381098	7,23E-09	2,85E-08	6,97E-09	TRUE
Rv3572	33	4	3,044394119	2,554254679	4,274074367	1,92E-05	5,37E-05	1,31E-05	TRUE
Rv3573c	145	54	1,425021588	0,934882148	4,341816005	1,41E-05	4,00E-05	9,79E-06	TRUE
Rv3574	139	10	3,797012978	3,306873538	9,968251433	2,10E-23	1,79E-22	4,37E-23	TRUE
Rv3575c	14	40	-1,514573173	-2,004712613	-4,814373753	1,48E-06	4,76E-06	1,16E-06	TRUE
Rv3576	50	5	3,321928095	2,831788655	5,558818098	2,72E-08	1,01E-07	2,47E-08	TRUE
Rv3580c	245	329	-0,425305835	-0,915445275	-7,61724314	2,59E-14	1,42E-13	3,47E-14	TRUE
Rv3581c	356	160	1,153805336	0,663665896	5,062832769	4,13E-07	1,40E-06	3,41E-07	TRUE
Rv3582c	1382	280	2,303258883	1,813119443	22,34047729	1,49E-110	5,72E-109	1,40E-109	TRUE
Rv3583c	3190	1369	1,220433977	0,730294537	16,52172782	2,56E-61	5,29E-60	1,29E-60	TRUE
Rv3585	15	1	3,906890596	3,416751156	3,319453818	0,000902	0,00199607	0,00048679	TRUE
Rv3592	65	20	1,700439718	1,210300278	3,587781905	0,000334	0,00080045	0,00019559	TRUE
Rv3593	94	6	3,969626351	3,479486911	8,370968348	5,71E-17	3,60E-16	8,80E-17	TRUE
Rv3596c	2074	1649	0,330824495	-0,159314945	-3,389597806	0,0007	0,00159006	0,00038854	TRUE
Rv3597c	359	54	2,732952532	2,242813092	13,06668496	5,10E-39	6,80E-38	1,66E-38	TRUE
Rv3600c	40	9	2,152003093	1,661863653	3,573627395	0,000352	0,0008432	0,00020598	TRUE
Rv3601c	57	6	3,247927513	2,757788073	5,854710454	4,78E-09	1,92E-08	4,68E-09	TRUE
Rv3602c	58	18	1,688055994	1,197916554	3,361606105	0,000775	0,0017441	0,00042618	TRUE
Rv3603c	323	50	2,691534165	2,201394725	12,25279226	1,62E-34	1,86E-33	4,56E-34	TRUE
Rv3608c	88	126	-0,517848305	-1,007987745	-5,106829244	3,28E-07	1,12E-06	2,74E-07	TRUE
Rv3609c	87	30	1,5360529	1,04591346	3,690716584	0,000224	0,00054921	0,0001342	TRUE
Rv3610c	756	341	1,148614495	0,658475055	7,329069599	2,32E-13	1,21E-12	2,95E-13	TRUE
Rv3612c	35	75	-1,099535674	-1,589675114	-5,617532521	1,94E-08	7,34E-08	1,79E-08	TRUE
Rv3613c	29	102	-1,814444347	-2,304583787	-8,390707151	4,83E-17	3,06E-16	7,47E-17	TRUE
Rv3614c	229	602	-1,394415889	-1,884555329	-17,93440285	6,35E-72	1,52E-70	3,72E-71	TRUE
Rv3615c	177	1301	-2,877799697	-3,367939137	-36,44206373	9,19E-291	1,89E-288	4,61E-289	TRUE
Rv3616c	372	2197	-2,562160343	-3,052299783	-45,35400385	0	0	0	TRUE
Rv3620c	27	3	3,169925001	2,679785561	3,968756079	7,22E-05	0,00018828	4,60E-05	TRUE
Rv3623	9	25	-1,473931188	-1,964070628	-3,755250696	0,000173	0,00043292	0,00010579	TRUE
Rv3629c	67	97	-0,533823652	-1,023963092	-4,539060645	5,65E-06	1,68E-05	4,09E-06	TRUE
Rv3635	71	4	4,14974712	3,659607679	7,416538836	1,20E-13	6,38E-13	1,56E-13	TRUE

Rv3641c	78	17	2,197939378	1,707799938	5,087683933	3,62E-07	1,24E-06	3,02E-07	TRUE
Rv3642c	182	82	1,150242636	0,660103196	3,602256429	0,000315	0,00075809	0,00018524	TRUE
Rv3645	49	153	-1,642677999	-2,132817439	-9,798253866	1,15E-22	9,42E-22	2,30E-22	TRUE
Rv3646c	147	42	1,807354922	1,317215482	5,76457744	8,19E-09	3,21E-08	7,83E-09	TRUE
Rv3651	39	70	-0,843880798	-1,334020238	-4,760564967	1,93E-06	6,14E-06	1,50E-06	TRUE
Rv3668c	29	4	2,857980995	2,367841555	3,836199272	0,000125	0,00031695	7,74E-05	TRUE
Rv3670	10	24	-1,263034406	-1,753173846	-3,406545954	0,000658	0,0014989	0,00036627	TRUE
Rv3671c	41	198	-2,271804615	-2,761944056	-12,94351046	2,56E-38	3,35E-37	8,19E-38	TRUE
Rv3672c	61	16	1,930737338	1,440597898	3,975116049	7,03E-05	0,00018387	4,49E-05	TRUE
Rv3673c	144	41	1,812372997	1,322233557	5,722197731	1,05E-08	4,08E-08	9,97E-09	TRUE
Rv3674c	816	329	1,310481568	0,820342128	9,223853013	2,87E-20	2,12E-19	5,17E-20	TRUE
Rv3675	29	75	-1,370837695	-1,860977135	-6,274200227	3,51E-10	1,53E-09	3,73E-10	TRUE
Rv3677c	61	18	1,760812336	1,270672896	3,611020132	0,000305	0,00073473	0,00017954	TRUE
Rv3679	3754	1361	1,463761583	0,973622143	22,91267801	3,47E-116	1,52E-114	3,72E-115	TRUE
Rv3680	452	552	-0,288345494	-0,778484934	-8,594207095	8,38E-18	5,53E-17	1,35E-17	TRUE
Rv3682	184	356	-0,952171475	-1,442310915	-11,39426578	4,47E-30	4,66E-29	1,14E-29	TRUE
Rv3683	42	92	-1,131244533	-1,621383973	-6,311109043	2,77E-10	1,22E-09	2,97E-10	TRUE
Rv3684	31	65	-1,068171503	-1,558310943	-5,15435709	2,55E-07	8,80E-07	2,15E-07	TRUE
Rv3685c	31	61	-0,976541027	-1,466680467	-4,774845093	1,80E-06	5,74E-06	1,40E-06	TRUE
Rv3686c	21	217	-3,36923381	-3,85937325	-15,65488295	3,08E-55	5,72E-54	1,40E-54	TRUE
Rv3687c	36	8	2,169925001	1,679785561	3,416167737	0,000635	0,00145031	0,00035439	TRUE
Rv3694c	119	130	-0,12755005	-0,61768949	-3,40122539	0,000671	0,00152571	0,00037282	TRUE
Rv3695	25	48	-0,941106311	-1,431245751	-4,158683376	3,20E-05	8,70E-05	2,13E-05	TRUE
Rv3697A	33	67	-1,021695071	-1,511834511	-5,11804571	3,09E-07	1,06E-06	2,59E-07	TRUE
Rv3699	93	31	1,584962501	1,094823061	3,96060251	7,48E-05	0,00019398	4,74E-05	TRUE
Rv3703c	28	65	-1,215012891	-1,705152331	-5,498338853	3,83E-08	1,42E-07	3,46E-08	TRUE
Rv3704c	29	153	-2,399406848	-2,889546288	-11,64299837	2,49E-31	2,67E-30	6,51E-31	TRUE
Rv3705A	22	2	3,459431619	2,969292179	3,775269792	0,00016	0,00040113	9,79E-05	TRUE
Rv3708c	18	37	-1,039528364	-1,529667804	-3,836254947	0,000125	0,00031719	7,74E-05	TRUE
Rv3709c	46	185	-2,007819504	-2,497958945	-11,84523646	2,28E-32	2,46E-31	6,02E-32	TRUE
Rv3710	327	112	1,545791903	1,055652463	7,210902033	5,56E-13	2,83E-12	6,91E-13	TRUE
Rv3711c	80	8	3,321928095	2,831788655	7,031489731	2,04E-12	1,01E-11	2,46E-12	TRUE
Rv3717	9	51	-2,502500341	-2,992639781	-6,838284007	8,01E-12	3,83E-11	9,36E-12	TRUE
Rv3720	78	177	-1,182203331	-1,672342771	-8,950171103	3,55E-19	2,50E-18	6,11E-19	TRUE
Rv3722c	152	67	1,181838323	0,691698883	3,430656146	0,000602	0,00138068	0,00033738	TRUE
Rv3723	84	131	-0,641105579	-1,131245019	-5,720406606	1,06E-08	4,12E-08	1,01E-08	TRUE
Rv3724B	33	3	3,459431619	2,969292179	4,623760527	3,77E-06	1,15E-05	2,81E-06	TRUE

Rv3725	61	126	-1,046542586	-1,536682026	-7,10367024	1,21E-12	6,06E-12	1,48E-12	TRUE
Rv3728	32	86	-1,426264755	-1,916404195	-6,852589949	7,25E-12	3,47E-11	8,49E-12	TRUE
Rv3731	48	92	-0,938599455	-1,428738895	-5,750066621	8,92E-09	3,49E-08	8,52E-09	TRUE
Rv3733c	75	21	1,836501268	1,346361828	4,18726904	2,82E-05	7,75E-05	1,89E-05	TRUE
Rv3735	106	24	2,142957954	1,652818514	5,795073222	6,83E-09	2,70E-08	6,59E-09	TRUE
Rv3736	88	25	1,815575429	1,325435989	4,48143486	7,41E-06	2,17E-05	5,30E-06	TRUE
Rv3737	46	11	2,064130337	1,573990897	3,68535998	0,000228	0,00056054	0,00013697	TRUE
Rv3740c	95	167	-0,813848684	-1,303988124	-7,225652835	4,99E-13	2,55E-12	6,24E-13	TRUE
Rv3743c	168	15	3,485426827	2,995287387	10,47714591	1,10E-25	9,94E-25	2,43E-25	TRUE
Rv3746c	59	14	2,075288127	1,585148687	4,195254465	2,73E-05	7,50E-05	1,83E-05	TRUE
Rv3749c	136	38	1,839535328	1,349395888	5,648531497	1,62E-08	6,16E-08	1,51E-08	TRUE
Rv3750c	327	114	1,520256811	1,030117371	7,06769705	1,58E-12	7,81E-12	1,91E-12	TRUE
Rv3751	23	2	3,523561956	3,033422516	3,899907717	9,62E-05	0,00024706	6,03E-05	TRUE
Rv3757c	2	37	-4,209453366	-4,699592806	-6,804575943	1,01E-11	4,83E-11	1,18E-11	TRUE
Rv3762c	19	34	-0,839535328	-1,329674768	-3,30936854	0,000935	0,00205599	0,00050239	TRUE
Rv3763	41	146	-1,832272554	-2,322411994	-10,08536956	6,41E-24	5,56E-23	1,36E-23	TRUE
Rv3764c	57	122	-1,097847323	-1,587986763	-7,159406615	8,10E-13	4,09E-12	9,99E-13	TRUE
Rv3765c	87	263	-1,595975493	-2,086114933	-12,6681581	8,88E-37	1,11E-35	2,72E-36	TRUE
Rv3767c	74	170	-1,199937571	-1,690077011	-8,837165209	9,82E-19	6,86E-18	1,68E-18	TRUE
Rv3768	24	0	5,584962501	5,094823061	4,681172797	2,85E-06	8,86E-06	2,17E-06	TRUE
Rv3769	43	5	3,10433666	2,61419722	4,941786677	7,74E-07	2,56E-06	6,26E-07	TRUE
Rv3770A	2	18	-3,169925001	-3,660064441	-4,425842147	9,61E-06	2,78E-05	6,80E-06	TRUE
Rv3774	78	95	-0,284453389	-0,77459283	-3,548141174	0,000388	0,00092208	0,00022532	TRUE
Rv3776	31	1	4,95419631	4,46405687	5,199977714	1,99E-07	6,95E-07	1,70E-07	TRUE
Rv3779	70	17	2,041820176	1,551680736	4,49920072	6,82E-06	2,00E-05	4,90E-06	TRUE
Rv3780	120	139	-0,212050477	-0,702189917	-3,940022347	8,15E-05	0,0002107	5,15E-05	TRUE
Rv3781	47	174	-1,888354644	-2,378494084	-11,16706293	5,91E-29	6,04E-28	1,48E-28	TRUE
Rv3783	10	63	-2,655351829	-3,145491269	-7,779739137	7,27E-15	4,17E-14	1,02E-14	TRUE
Rv3785	38	81	-1,091922489	-1,582061929	-5,817651694	5,97E-09	2,37E-08	5,80E-09	TRUE
Rv3791	3	20	-2,736965594	-3,227105034	-4,433874302	9,26E-06	2,69E-05	6,56E-06	TRUE
Rv3797	32	6	2,415037499	1,924898059	3,537273632	0,000404	0,00095738	0,0002338	TRUE
Rv3799c	153	554	-1,856354323	-2,346493763	-19,77189836	5,20E-87	1,59E-85	3,88E-86	TRUE
Rv3800c	670	897	-0,42094689	-0,91108633	-12,53444131	4,84E-36	5,76E-35	1,41E-35	TRUE
Rv3804c	172	292	-0,763559804	-1,253699244	-9,267556961	1,90E-20	1,42E-19	3,47E-20	TRUE
Rv3815c	19	141	-2,891623839	-3,381763279	-12,01134236	3,10E-33	3,41E-32	8,33E-33	TRUE
Rv3821	49	10	2,292781749	1,802642309	4,186956655	2,83E-05	7,74E-05	1,89E-05	TRUE
Rv3823c	111	145	-0,385493224	-0,875632664	-4,869547478	1,12E-06	3,65E-06	8,92E-07	TRUE

Rv3824c	51	78	-0,612976877	-1,103116317	-4,325123386	1,52E-05	4,30E-05	1,05E-05	TRUE
Rv3825c	490	1352	-1,464241497	-1,954380937	-27,5518676	4,20E-167	3,16E-165	7,71E-166	TRUE
Rv3830c	39	3	3,700439718	3,210300278	5,212261173	1,87E-07	6,53E-07	1,60E-07	TRUE
Rv3831	13	0	4,700439718	4,210300278	3,318724439	0,000904	0,00199507	0,00048723	TRUE
Rv3832c	27	1	4,754887502	4,264748062	4,799162662	1,59E-06	5,12E-06	1,25E-06	TRUE
Rv3833	107	0	7,741466986	7,251327546	9,681401011	3,62E-22	2,88E-21	7,03E-22	TRUE
Rv3835	58	12	2,273018494	1,782879054	4,52081013	6,16E-06	1,82E-05	4,44E-06	TRUE
Rv3837c	245	88	1,47720632	0,98706688	5,90558569	3,51E-09	1,42E-08	3,48E-09	TRUE
Rv3840	16	1	4	3,50986056	3,465376216	0,000529	0,00122564	0,00029914	TRUE
Rv3841	910	46	4,306160779	3,816021339	26,95222411	5,37E-160	3,56E-158	8,69E-159	TRUE
Rv3844	36	6	2,584962501	2,094823061	3,964576773	7,35E-05	0,00019122	4,67E-05	TRUE
Rv3846	28	71	-1,342392197	-1,832531637	-6,040975028	1,53E-09	6,34E-09	1,55E-09	TRUE
Rv3847	91	128	-0,49220536	-0,9823448	-5,03861211	4,69E-07	1,58E-06	3,85E-07	TRUE
Rv3848	43	10	2,10433666	1,61419722	3,628798656	0,000285	0,00069171	0,00016897	TRUE
Rv3849	23	3	2,938599455	2,448460015	3,483678286	0,000495	0,0011513	0,00028124	TRUE
Rv3852	8	121	-3,918863237	-4,409002677	-12,14097924	6,41E-34	7,23E-33	1,77E-33	TRUE
Rv3854c	1279	71	4,171053429	3,680913989	31,5552646	1,52E-218	1,69E-216	4,14E-217	TRUE
Rv3855	323	7	5,528035433	5,037895993	17,1505215	6,23E-66	1,39E-64	3,40E-65	TRUE
Rv3858c	119	447	-1,909313258	-2,399452698	-17,9938153	2,18E-72	5,35E-71	1,31E-71	TRUE
Rv3862c	157	10	3,972692654	3,482553214	10,82235008	2,70E-27	2,63E-26	6,44E-27	TRUE
Rv3863	464	99	2,228624375	1,738484935	12,56748149	3,19E-36	3,84E-35	9,39E-36	TRUE
Rv3864	636	89	2,837149524	2,347010084	17,87631245	1,80E-71	4,30E-70	1,05E-70	TRUE
Rv3865	350	173	1,016582884	0,526443444	4,077891501	4,54E-05	0,00012164	2,97E-05	TRUE
Rv3866	401	61	2,716721089	2,226581649	13,74884827	5,17E-43	7,71E-42	1,88E-42	TRUE
Rv3867	185	51	1,858956119	1,368816679	6,66053834	2,73E-11	1,27E-10	3,11E-11	TRUE
Rv3868	756	325	1,217946516	0,727807076	8,003902941	1,21E-15	7,12E-15	1,74E-15	TRUE
Rv3871	340	638	-0,908021678	-1,398161118	-14,90393386	3,11E-50	5,32E-49	1,30E-49	TRUE
Rv3872	557	97	2,521620675	2,031481235	15,29388863	8,40E-53	1,52E-51	3,71E-52	TRUE
Rv3873	1427	120	3,571879024	3,081739584	30,96272852	1,71E-210	1,81E-208	4,42E-209	TRUE
Rv3874	1907	825	1,208838819	0,718699379	12,58417443	2,58E-36	3,15E-35	7,69E-36	TRUE
Rv3875	3834	1370	1,484674444	0,994535004	23,56822555	8,16E-123	3,80E-121	9,28E-122	TRUE
Rv3876	412	57	2,853610513	2,363471073	14,44610687	2,65E-47	4,35E-46	1,06E-46	TRUE
Rv3877	189	24	2,977279923	2,487140483	10,07701217	6,98E-24	6,05E-23	1,48E-23	TRUE
Rv3878	199	73	1,446800062	0,956660622	5,185522439	2,15E-07	7,50E-07	1,83E-07	TRUE
Rv3880c	96	32	1,584962501	1,094823061	4,023984452	5,72E-05	0,00015129	3,70E-05	TRUE
Rv3881c	617	143	2,109255342	1,619115902	13,78049915	3,34E-43	5,04E-42	1,23E-42	TRUE
Rv3888c	32	5	2,678071905	2,187932465	3,841482865	0,000122	0,00031111	7,60E-05	TRUE

Rv3889c	64	5	3,678071905	3,187932465	6,656321672	2,81E-11	1,31E-10	3,19E-11	TRUE
Rv3892c	33	6	2,459431619	1,969292179	3,646801958	0,000266	0,00064784	0,00015816	TRUE
Rv3894c	111	131	-0,239007135	-0,729146575	-3,953248136	7,71E-05	0,00019978	4,88E-05	TRUE
Rv3895c	84	13	2,691877705	2,201738265	6,248371766	4,15E-10	1,80E-09	4,39E-10	TRUE
Rv3898c	24	2	3,584962501	3,094823061	4,021408351	5,79E-05	0,0001528	3,73E-05	TRUE
Rv3899c	25	4	2,64385619	2,15371675	3,362189686	0,000773	0,00174293	0,00042553	TRUE
Rv3900c	61	10	2,608809243	2,118669803	5,198007979	2,01E-07	7,02E-07	1,71E-07	TRUE
Rv3905c	31	64	-1,04580369	-1,53594313	-5,060716323	4,18E-07	1,41E-06	3,44E-07	TRUE
Rv3907c	23	65	-1,498805857	-1,988945297	-6,105644962	1,02E-09	4,29E-09	1,05E-09	TRUE
Rv3909	87	15	2,5360529	2,04591346	6,070675058	1,27E-09	5,29E-09	1,29E-09	TRUE
Rv3913	545	155	1,813988014	1,323848574	11,14547992	7,53E-29	7,66E-28	1,87E-28	TRUE
Rv3914	112	13	3,106915204	2,616775764	7,980038758	1,46E-15	8,60E-15	2,10E-15	TRUE
Rv3915	331	463	-0,484180976	-0,974320416	-9,521042472	1,71E-21	1,33E-20	3,26E-21	TRUE
Rv3916c	339	152	1,15721395	0,66707451	4,962845259	6,95E-07	2,31E-06	5,64E-07	TRUE
Rv3918c	50	66	-0,40053793	-0,89067737	-3,332782708	0,00086	0,0019148	0,00046776	TRUE
Rv3921c	133	352	-1,404149183	-1,894288623	-13,75893472	4,50E-43	6,73E-42	1,65E-42	TRUE
Rv3923c	128	140	-0,129283017	-0,619422457	-3,538498081	0,000402	0,00095411	0,00023314	TRUE
Rv3924c	128	491	-1,939579214	-2,429718654	-18,99707111	1,80E-80	4,89E-79	1,19E-79	TRUE
Rv0002	59	27	1,127755547	0,637616107	1,98866796	0,046738	0,0724539	0,01770455	FALSE
Rv0004	11	13	-0,2410081	-0,73114754	-1,248169793	0,211969	0,27697457	0,06766909	FALSE
Rv0008c	13	7	0,893084796	0,402945356	0,614383992	0,538962	0,61557329	0,15037508	FALSE
Rv0010c	42	14	1,584962501	1,094823061	2,661516989	0,007779	0,01450657	0,00354477	FALSE
Rv0011c	44	15	1,552541023	1,062401583	2,658376023	0,007852	0,01462154	0,00357286	FALSE
Rv0012	53	45	0,236067358	-0,254072082	-0,876562118	0,380725	0,45745516	0,11164947	FALSE
Rv0013	21	4	2,392317423	1,902177983	2,842851455	0,004471	0,00876506	0,00214072	FALSE
Rv0018c	144	70	1,040641984	0,550502544	2,723357879	0,006462	0,01223807	0,00299045	FALSE
Rv0020c	253	190	0,413137966	-0,077001474	-0,563000961	0,573434	0,64943755	0,15869399	FALSE
Rv0022c	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv0025	23	24	-0,061400545	-0,551539985	-1,319782477	0,186908	0,24800353	0,06060116	FALSE
Rv0027	30	10	1,584962501	1,094823061	2,2493739	0,024489	0,04062381	0,00992246	FALSE
Rv0031	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv0032	18	5	1,847996907	1,357857467	2,064658238	0,038955	0,06181253	0,015092	FALSE
Rv0033	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv0034	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0036c	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv0037c	44	16	1,459431619	0,969292179	2,464847336	0,013707	0,02424755	0,00592369	FALSE
Rv0040c	21	11	0,932885804	0,442746364	0,852107338	0,394155	0,47019197	0,1148767	FALSE

Rv0042c	10	12	-0,263034406	-0,753173846	-1,230621959	0,218464	0,28197093	0,06888992	FALSE
Rv0044c	7	2	1,807354922	1,317215482	1,257822137	0,208456	0,27274955	0,06661452	FALSE
Rv0046c	438	326	0,426058905	-0,064080535	-0,615208725	0,538417	0,61531107	0,15035498	FALSE
Rv0050	104	70	0,571156701	0,081017261	0,369473146	0,711775	0,77444461	0,18924023	FALSE
Rv0051	20	22	-0,137503524	-0,627642964	-1,419106929	0,155868	0,21068326	0,05148173	FALSE
Rv0052	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv0053	15	14	0,099535674	-0,390603766	-0,734052619	0,462917	0,54057703	0,13205378	FALSE
Rv0054	24	23	0,061400545	-0,428738895	-1,025931205	0,304924	0,37693203	0,09210562	FALSE
Rv0055	65	38	0,77444403	0,28430086	0,989478842	0,322429	0,395131	0,0965375	FALSE
Rv0056	66	28	1,237039197	0,746899757	2,417622282	0,015622	0,02730753	0,00667004	FALSE
Rv0057	30	15	1	0,50986056	1,159294982	0,246336	0,31405222	0,07674056	FALSE
Rv0059	9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE
Rv0060	142	79	0,845966371	0,355826931	1,808009766	0,070605	0,10535439	0,02574398	FALSE
Rv0061c	105	113	-0,105933445	-0,596072885	-3,071503067	0,00213	0,00443811	0,00108448	FALSE
Rv0062	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv0063	8	16	-1	-1,49013944	-2,474364667	0,013347	0,02364316	0,00577604	FALSE
Rv0064A	28	20	0,485426827	-0,004712613	-0,011317472	0,99097	0,99351437	0,24277125	FALSE
Rv0065	39	11	1,8259706	1,33583116	3,001269837	0,002689	0,00550542	0,00134528	FALSE
Rv0066c	111	49	1,179706022	0,689566582	2,923630455	0,00346	0,00693905	0,0016956	FALSE
Rv0068	24	8	1,584962501	1,094823061	2,011892903	0,044231	0,06908918	0,01688236	FALSE
Rv0069c	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv0071	2	7	-1,807354922	-2,297494362	-2,193900169	0,028243	0,04620331	0,01129006	FALSE
Rv0074	38	12	1,662965013	1,172825573	2,675556456	0,007461	0,01401317	0,00342256	FALSE
Rv0078B	224	195	0,200024608	-0,290114832	-2,070984596	0,03836	0,06106674	0,01492203	FALSE
Rv0081	39	35	0,156119202	-0,334020238	-1,00231324	0,316192	0,38815814	0,09484879	FALSE
Rv0082	5	8	-0,678071905	-1,168211345	-1,4503344	0,146965	0,20136823	0,04918829	FALSE
Rv0083	15	9	0,736965594	0,246826154	0,415345089	0,677889	0,7419164	0,1811902	FALSE
Rv0084	17	25	-0,556393349	-1,046532789	-2,345790229	0,018987	0,03241242	0,00791844	FALSE
Rv0085	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv0086	11	4	1,459431619	0,969292179	1,232394544	0,217802	0,28246954	0,06881664	FALSE
Rv0088	90	102	-0,180572246	-0,670711686	-3,241338814	0,00119	0,00257812	0,00062998	FALSE
Rv0089	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv0090	7	9	-0,362570079	-0,852709519	-1,18595664	0,235639	0,30144863	0,07364873	FALSE
Rv0091	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv0093c	17	15	0,180572246	-0,309567194	-0,610698257	0,541399	0,6177252	0,15087876	FALSE
Rv0094c	6	1	2,584962501	2,094823061	1,61850815	0,105553	0,14972211	0,03655894	FALSE
Rv0096	15	7	1,099535674	0,609396234	0,963010104	0,335542	0,40946665	0,09996325	FALSE

Rv0098	10	20	-1	-1,49013944	-2,76643309	0,005667	0,01080082	0,00263925	FALSE
Rv0104	16	20	-0,321928095	-0,812067535	-1,6955763	0,089966	0,12970936	0,03168942	FALSE
Rv0105c	2	0 NA		NA	NA	NA	NA	NA	FALSE
Rv0107c	78	34	1,197939378	0,707799938	2,507603853	0,012155	0,02180358	0,00532784	FALSE
Rv0109	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv0111	34	10	1,765534746	1,275395306	2,703662777	0,006858	0,01294992	0,00316286	FALSE
Rv0112	31	9	1,784271309	1,294131869	2,611058884	0,009026	0,01649389	0,0040285	FALSE
Rv0113	17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv0114	17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv0115	11	9	0,289506617	-0,200632823	-0,312423996	0,754718	0,80755584	0,19727933	FALSE
Rv0117	22	11	1	0,50986056	0,992754242	0,32083	0,39335639	0,09611901	FALSE
Rv0119	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv0121c	14	11	0,347923303	-0,142216137	-0,24732267	0,804659	0,84729446	0,20685444	FALSE
Rv0122	36	19	0,921997488	0,431858048	1,090302479	0,27558	0,34680619	0,08471689	FALSE
Rv0123	35	14	1,321928095	0,831788655	1,931976758	0,053362	0,0821688	0,02007844	FALSE
Rv0124	7	19	-1,440572591	-1,930712031	-3,23679228	0,001209	0,00260581	0,00063657	FALSE
Rv0128	58	56	0,050626073	-0,439513367	-1,638075652	0,101406	0,1446275	0,03525992	FALSE
Rv0129c	62	31	1	0,50986056	1,666636327	0,095587	0,13682779	0,0334347	FALSE
Rv0130	18	2	3,169925001	2,679785561	3,240464224	0,001193	0,00258246	0,00063051	FALSE
Rv0131c	19	12	0,662965013	0,172825573	0,331533923	0,740241	0,79478745	0,19421112	FALSE
Rv0132c	24	4	2,584962501	2,094823061	3,237044548	0,001208	0,00260782	0,00063657	FALSE
Rv0133	55	49	0,166649869	-0,323489571	-1,150681733	0,249863	0,31823737	0,07776323	FALSE
Rv0137c	70	33	1,084888898	0,594749458	2,035589989	0,041792	0,06576505	0,01606477	FALSE
Rv0140	651	412	0,660013206	0,169873766	1,909596389	0,056185	0,08593937	0,0209998	FALSE
Rv0145	287	227	0,338358439	-0,151781001	-1,197442014	0,231134	0,29660845	0,07247807	FALSE
Rv0147	266	159	0,74239948	0,25226004	1,786293037	0,074052	0,11007704	0,02689799	FALSE
Rv0148	211	132	0,676705069	0,186565629	1,190036515	0,234032	0,29963774	0,0732183	FALSE
Rv0150c	1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE
Rv0151c	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv0152c	10	5	1	0,50986056	0,66930803	0,503299	0,57899031	0,14141729	FALSE
Rv0153c	4	7	-0,807354922	-1,297494362	-1,473418725	0,140638	0,19351375	0,0472696	FALSE
Rv0154c	30	20	0,584962501	0,094823061	0,231682315	0,816785	0,85133979	0,20799309	FALSE
Rv0156	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv0157	42	13	1,691877705	1,201738265	2,867798083	0,004133	0,00816021	0,001994	FALSE
Rv0157A	3	5	-0,736965594	-1,227105034	-1,192161297	0,233198	0,29881484	0,07298129	FALSE
Rv0158	44	21	1,067114196	0,576974756	1,570431329	0,116315	0,16332589	0,03990967	FALSE
Rv0159c	21	18	0,222392421	-0,267747019	-0,582822205	0,560013	0,63626731	0,15543054	FALSE

Rv0161	10	10	0	-0,49013944	-0,765161793	0,444175	0,52001325	0,12703664	FALSE
Rv0162c	13	12	0,115477217	-0,374662223	-0,653666104	0,513327	0,58905134	0,14389597	FALSE
Rv0163	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv0167	54	20	1,432959407	0,942819967	2,668272179	0,007624	0,01426578	0,00348578	FALSE
Rv0168	11	24	-1,125530882	-1,615670322	-3,215071071	0,001304	0,00279429	0,00068261	FALSE
Rv0169	15	16	-0,093109404	-0,583248844	-1,133295478	0,25709	0,32712193	0,07993422	FALSE
Rv0176	35	17	1,041820176	0,551680736	1,345110953	0,178589	0,23781471	0,05810156	FALSE
Rv0177	55	65	-0,2410081	-0,73114754	-2,791151054	0,005252	0,01012062	0,00247242	FALSE
Rv0178	60	33	0,862496476	0,372357036	1,226245087	0,220106	0,28366856	0,06931613	FALSE
Rv0179c	46	54	-0,231325546	-0,721464986	-2,514532946	0,011919	0,02139943	0,00522908	FALSE
Rv0180c	57	40	0,510961919	0,020822479	0,071034486	0,94337	0,95560598	0,23342365	FALSE
Rv0182c	45	25	0,847996907	0,357857467	1,023161007	0,306232	0,3781894	0,09241287	FALSE
Rv0183	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv0184	9	8	0,169925001	-0,320214439	-0,460475873	0,645175	0,71563901	0,17479625	FALSE
Rv0187	34	12	1,502500341	1,0123609	2,246152765	0,024694	0,0409039	0,009993	FALSE
Rv0188	235	126	0,899237023	0,409097583	2,649742946	0,008055	0,01493635	0,00364979	FALSE
Rv0189c	42	15	1,485426827	0,995287387	2,461642897	0,01383	0,02438792	0,0059553	FALSE
Rv0191	107	48	1,156504486	0,666365046	2,785055749	0,005352	0,01029253	0,00251442	FALSE
Rv0192	54	22	1,295455884	0,805316443	2,334086367	0,019591	0,0331831	0,00810673	FALSE
Rv0192A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0193c	9	4	1,169925001	0,679785561	0,82201383	0,411069	0,48532866	0,11853923	FALSE
Rv0196	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv0199	15	9	0,736965594	0,246826154	0,415345089	0,677889	0,7419164	0,1811902	FALSE
Rv0200	18	2	3,169925001	2,679785561	3,240464224	0,001193	0,00258246	0,00063051	FALSE
Rv0201c	77	52	0,566346823	0,076207383	0,299282737	0,764724	0,8132485	0,19872219	FALSE
Rv0202c	474	377	0,330322536	-0,159816904	-1,622927887	0,104605	0,14859288	0,03630957	FALSE
Rv0203	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv0204c	22	4	2,459431619	1,969292179	2,977584745	0,002905	0,00590433	0,00144238	FALSE
Rv0205	21	5	2,070389328	1,580249888	2,49722024	0,012517	0,0224063	0,00547386	FALSE
Rv0209	16	16	0	-0,49013944	-0,967868514	0,33311	0,40694344	0,09942354	FALSE
Rv0210	42	15	1,485426827	0,995287387	2,461642897	0,01383	0,02438792	0,0059553	FALSE
Rv0213c	25	10	1,321928095	0,831788655	1,632806114	0,10251	0,14577593	0,03562123	FALSE
Rv0216	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv0219	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv0220	72	69	0,061400545	-0,428738895	-1,77706414	0,075558	0,11188956	0,02734089	FALSE
Rv0221	51	47	0,11783649	-0,37230295	-1,286077691	0,198416	0,26193857	0,06394851	FALSE
Rv0222	24	13	0,884522783	0,394383343	0,818266536	0,413205	0,48726123	0,11904725	FALSE

Rv0224c	10	0	4,321928095	3,831788655	2,828613894	0,004675	0,00909158	0,00221937	FALSE
Rv0225	54	46	0,231325546	-0,258813894	-0,902048021	0,367031	0,44263664	0,10816094	FALSE
Rv0226c	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv0228	6	7	-0,222392421	-0,712531861	-0,895464602	0,370539	0,44617759	0,108959	FALSE
Rv0231	18	5	1,847996907	1,357857467	2,064658238	0,038955	0,06181253	0,015092	FALSE
Rv0234c	13	8	0,700439718	0,210300278	0,331536929	0,740239	0,79522231	0,19421112	FALSE
Rv0236A	8	0	4	3,50986056	2,450385202	0,01427	0,02506779	0,00612271	FALSE
Rv0237	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv0242c	84	67	0,326228232	-0,163911208	-0,700913353	0,483357	0,55843475	0,13645691	FALSE
Rv0245	12	19	-0,662965013	-1,153104453	-2,212017798	0,026965	0,04423441	0,01080668	FALSE
Rv0254c	21	6	1,807354922	1,317215482	2,178631209	0,029359	0,04788939	0,01169718	FALSE
Rv0255c	23	11	1,064130337	0,573990897	1,130112835	0,258429	0,32850391	0,08021969	FALSE
Rv0256c	31	10	1,632268215	1,142128775	2,365881815	0,017987	0,03098366	0,00756437	FALSE
Rv0257	19	8	1,247927513	0,757788073	1,313540566	0,189001	0,25044057	0,06117591	FALSE
Rv0259c	11	6	0,874469118	0,384329678	0,540782419	0,588658	0,66446243	0,16234195	FALSE
Rv0261c	20	3	2,736965594	2,246826154	3,087022158	0,002022	0,00422749	0,00103218	FALSE
Rv0262c	31	11	1,494764692	1,004625252	2,131231749	0,03307	0,05331898	0,01302881	FALSE
Rv0264c	12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv0265c	33	8	2,044394119	1,554254679	3,092858232	0,001982	0,00415302	0,00101427	FALSE
Rv0267	10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv0270	212	203	0,062584537	-0,427554903	-3,040782426	0,00236	0,00489347	0,00119575	FALSE
Rv0271c	143	107	0,41840435	-0,07173509	-0,393916226	0,693643	0,75682467	0,18493469	FALSE
Rv0272c	172	124	0,472068444	-0,018070996	-0,10782598	0,914134	0,93300895	0,22798638	FALSE
Rv0274	109	109	0	-0,49013944	-2,526490028	0,011521	0,02073225	0,00506605	FALSE
Rv0277c	107	103	0,054966459	-0,435172981	-2,201404194	0,027707	0,0454039	0,01109472	FALSE
Rv0278c	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv0279c	14	8	0,807354922	0,317215482	0,509439725	0,610444	0,68519229	0,16733468	FALSE
Rv0292	24	37	-0,624490865	-1,114630305	-3,00384781	0,002666	0,00546185	0,00133464	FALSE
Rv0294	12	19	-0,662965013	-1,153104453	-2,212017798	0,026965	0,04423441	0,01080668	FALSE
Rv0295c	11	12	-0,125530882	-0,615670322	-1,030210794	0,302911	0,37479965	0,09158456	FALSE
Rv0299	22	10	1,137503524	0,647364084	1,230808223	0,218395	0,28206744	0,06888992	FALSE
Rv0301	94	50	0,910732662	0,420593222	1,719295638	0,085561	0,12415978	0,03033919	FALSE
Rv0306	11	1	3,459431619	2,969292179	2,669508357	0,007596	0,01423725	0,00347479	FALSE
Rv0307c	13	4	1,700439718	1,210300278	1,604449886	0,108615	0,1535353	0,03751049	FALSE
Rv0310c	2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE
Rv0311	63	53	0,249359469	-0,240779971	-0,903613548	0,3662	0,4419757	0,10798275	FALSE
Rv0314c	48	20	1,263034406	0,772894966	2,123893496	0,033679	0,05423369	0,01325233	FALSE

Rv0315	44	14	1,652076697	1,161937257	2,85771638	0,004267	0,00840489	0,00205242	FALSE
Rv0316	8	5	0,678071905	0,187932465	0,233318158	0,815514	0,85081047	0,20778966	FALSE
Rv0317c	64	41	0,642447995	0,152308555	0,538170818	0,590459	0,66620713	0,16279174	FALSE
Rv0318c	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv0320	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv0322	9	0	4,169925001	3,679785561	2,645788974	0,00815	0,01509414	0,00368747	FALSE
Rv0326	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv0329c	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv0335c	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv0336	119	66	0,850423644	0,360284204	1,674526881	0,094027	0,13489192	0,03296166	FALSE
Rv0337c	20	12	0,736965594	0,246826154	0,479601403	0,631511	0,70317932	0,17182612	FALSE
Rv0343	58	46	0,334419039	-0,155720401	-0,552518823	0,580593	0,65716389	0,16058197	FALSE
Rv0344c	12	1	3,584962501	3,094823061	2,843553417	0,004461	0,00875897	0,00213923	FALSE
Rv0345	26	11	1,2410081	0,750868659	1,524378014	0,127414	0,17760231	0,04339046	FALSE
Rv0346c	92	45	1,03170886	0,54156942	2,144696647	0,031977	0,05183504	0,01266621	FALSE
Rv0354c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0356c	6	16	-1,415037499	-1,905176939	-2,94399214	0,00324	0,00652192	0,00159367	FALSE
Rv0357c	14	14	0	-0,49013944	-0,905355944	0,365277	0,44113378	0,10777704	FALSE
Rv0358	8	4	1	0,50986056	0,598646295	0,549409	0,62576674	0,15284302	FALSE
Rv0359	16	4	2	1,50986056	2,108212717	0,035013	0,05619572	0,01372612	FALSE
Rv0360c	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv0361	55	56	-0,025995209	-0,516134649	-1,898269131	0,057661	0,08802377	0,02150914	FALSE
Rv0362	18	7	1,362570079	0,872430639	1,442971666	0,149028	0,20369482	0,04977406	FALSE
Rv0364	43	48	-0,158697746	-0,648837186	-2,159061708	0,030845	0,05014621	0,01225353	FALSE
Rv0365c	35	17	1,041820176	0,551680736	1,345110953	0,178589	0,23781471	0,05810156	FALSE
Rv0368c	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv0369c	23	11	1,064130337	0,573990897	1,130112835	0,258429	0,32850391	0,08021969	FALSE
Rv0370c	19	15	0,341036918	-0,149102522	-0,302435927	0,76232	0,81390532	0,19872219	FALSE
Rv0371c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv0372c	27	7	1,94753258	1,45739314	2,667643133	0,007639	0,01427541	0,00348578	FALSE
Rv0373c	131	80	0,711494907	0,221355467	1,105762462	0,268829	0,34006433	0,08309678	FALSE
Rv0375c	31	9	1,784271309	1,294131869	2,611058884	0,009026	0,01649389	0,0040285	FALSE
Rv0376c	50	55	-0,137503524	-0,627642964	-2,243888914	0,02484	0,04111846	0,01004754	FALSE
Rv0378	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0379	15	5	1,584962501	1,094823061	1,590531181	0,111715	0,15717801	0,03837283	FALSE
Rv0380c	28	25	0,163498732	-0,326640708	-0,829443736	0,406853	0,48115154	0,11757229	FALSE
Rv0381c	89	47	0,921144579	0,431005139	1,711260952	0,087033	0,12610897	0,03081549	FALSE

Rv0387c	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv0388c	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv0389	49	27	0,859822342	0,369682902	1,100693884	0,27103	0,34268149	0,08372274	FALSE
Rv0391	21	14	0,584962501	0,094823061	0,19383764	0,846303	0,87788903	0,21448901	FALSE
Rv0393	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0394c	21	4	2,392317423	1,902177983	2,842851455	0,004471	0,00876506	0,00214072	FALSE
Rv0395	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv0396	12	0	4,584962501	4,094823061	3,163753838	0,001557	0,00330363	0,00080682	FALSE
Rv0397	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0397A	53	68	-0,359542387	-0,849681827	-3,250213997	0,001153	0,00250176	0,00061132	FALSE
Rv0399c	13	9	0,530514717	0,040375277	0,065553521	0,947733	0,95754166	0,23392057	FALSE
Rv0400c	75	36	1,058893689	0,568754249	2,024048259	0,042965	0,06730006	0,01644518	FALSE
Rv0401	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv0402c	31	37	-0,255257055	-0,745396495	-2,14152987	0,032231	0,05214972	0,01274046	FALSE
Rv0403c	12	3	2	1,50986056	1,825761434	0,067886	0,10178369	0,02485715	FALSE
Rv0406c	8	17	-1,087462841	-1,577602281	-2,65960252	0,007823	0,01457884	0,00356158	FALSE
Rv0407	23	32	-0,476438044	-0,966577484	-2,485413129	0,01294	0,02300531	0,00562021	FALSE
Rv0408	16	11	0,540568381	0,050428941	0,090676204	0,92775	0,94271748	0,23035872	FALSE
Rv0411c	39	15	1,378511623	0,888372183	2,156874424	0,031015	0,05040172	0,01231597	FALSE
Rv0412c	165	156	0,080919995	-0,409219445	-2,55929072	0,010489	0,01897081	0,00463563	FALSE
Rv0413	20	5	2	1,50986056	2,357059072	0,01842	0,0315904	0,00771592	FALSE
Rv0414c	0	2	NA	NA	NA	NA	NA	NA	FALSE
Rv0415	110	49	1,166649869	0,676510429	2,861791713	0,004213	0,00830386	0,0020291	FALSE
Rv0416	22	10	1,137503524	0,647364084	1,230808223	0,218395	0,28206744	0,06888992	FALSE
Rv0417	18	9	1	0,50986056	0,897976983	0,369198	0,44504321	0,10873222	FALSE
Rv0418	9	17	-0,91753784	-1,40767728	-2,444054054	0,014523	0,02547195	0,00622283	FALSE
Rv0419	100	71	0,49410907	0,00396963	0,017990224	0,985647	0,98944735	0,24177744	FALSE
Rv0421c	36	10	1,847996907	1,357857467	2,919900577	0,003501	0,00701904	0,00171514	FALSE
Rv0424c	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv0427c	23	11	1,064130337	0,573990897	1,130112835	0,258429	0,32850391	0,08021969	FALSE
Rv0428c	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv0429c	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv0430	29	7	2,050626073	1,560486633	2,9078358	0,003639	0,00728065	0,00177725	FALSE
Rv0431	25	16	0,64385619	0,15371675	0,339371192	0,73433	0,79236228	0,19318673	FALSE
Rv0432	33	9	1,874469118	1,384329678	2,837043524	0,004553	0,00889484	0,00217351	FALSE
Rv0433	27	9	1,584962501	1,094823061	2,133939061	0,032848	0,05300436	0,01294659	FALSE
Rv0434	20	3	2,736965594	2,246826154	3,087022158	0,002022	0,00422749	0,00103218	FALSE

Rv0435c	27	18	0,584962501	0,094823061	0,219792503	0,826033	0,85994613	0,21013304	FALSE
Rv0436c	21	15	0,485426827	-0,004712613	-0,00980115	0,99218	0,99421675	0,24288055	FALSE
Rv0437c	10	8	0,321928095	-0,168211345	-0,248348112	0,803865	0,84760176	0,20685444	FALSE
Rv0438c	11	13	-0,2410081	-0,73114754	-1,248169793	0,211969	0,27697457	0,06766909	FALSE
Rv0439c	10	7	0,514573173	0,024433733	0,03488969	0,972168	0,97780164	0,23883947	FALSE
Rv0441c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0444c	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv0446c	13	8	0,700439718	0,210300278	0,331536929	0,740239	0,79522231	0,19421112	FALSE
Rv0447c	15	9	0,736965594	0,246826154	0,415345089	0,677889	0,7419164	0,1811902	FALSE
Rv0448c	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv0450c	93	65	0,516790998	0,026651558	0,116021973	0,907635	0,92758837	0,22666183	FALSE
Rv0451c	55	19	1,5334322	1,04329276	2,928400059	0,003407	0,00683699	0,00167066	FALSE
Rv0453	14	28	-1	-1,49013944	-3,273309764	0,001063	0,00232476	0,00056791	FALSE
Rv0454	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv0456A	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0456B	13	2	2,700439718	2,210300278	2,463914956	0,013743	0,02428322	0,00593107	FALSE
Rv0456c	6	7	-0,222392421	-0,712531861	-0,895464602	0,370539	0,44617759	0,108959	FALSE
Rv0457c	23	9	1,353636955	0,863497515	1,61692385	0,105895	0,15001592	0,03665065	FALSE
Rv0458	208	162	0,360589715	-0,129549725	-0,866670949	0,386122	0,46138546	0,11274233	FALSE
Rv0459	156	74	1,075948853	0,585809413	2,997984005	0,002718	0,00555348	0,00135703	FALSE
Rv0461	21	18	0,222392421	-0,267747019	-0,582822205	0,560013	0,63626731	0,15543054	FALSE
Rv0462	67	37	0,856635825	0,366496385	1,2767121	0,201704	0,26515865	0,06478222	FALSE
Rv0463	10	12	-0,263034406	-0,753173846	-1,230621959	0,218464	0,28197093	0,06888992	FALSE
Rv0464c	30	10	1,584962501	1,094823061	2,2493739	0,024489	0,04062381	0,00992246	FALSE
Rv0466	32	21	0,607682577	0,117543137	0,295448258	0,767651	0,81602804	0,19937425	FALSE
Rv0470A	27	35	-0,374395515	-0,864534955	-2,366381887	0,017963	0,03105141	0,00756437	FALSE
Rv0471c	26	29	-0,157541277	-0,647680717	-1,675507723	0,093835	0,13466532	0,03290629	FALSE
Rv0472c	94	45	1,062735755	0,572596315	2,279794248	0,02262	0,03792644	0,00926756	FALSE
Rv0473	53	39	0,442518236	-0,047621204	-0,158521222	0,874046	0,89867036	0,21959554	FALSE
Rv0475	430	237	0,859449601	0,369310161	3,258656791	0,001119	0,00243934	0,00059607	FALSE
Rv0476	180	109	0,723668772	0,233529332	1,364636254	0,172367	0,23146311	0,05655941	FALSE
Rv0478	55	30	0,874469118	0,384329678	1,209272916	0,226558	0,29140614	0,07120685	FALSE
Rv0479c	43	33	0,381870635	-0,108268805	-0,328055133	0,74287	0,7965149	0,19463323	FALSE
Rv0480c	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv0482	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv0483	77	68	0,179323699	-0,310815741	-1,305325143	0,191782	0,25378154	0,06201261	FALSE
Rv0488	18	3	2,584962501	2,094823061	2,803354658	0,005057	0,0097865	0,00239021	FALSE

Rv0492A	10	5	1	0,50986056	0,66930803	0,503299	0,57899031	0,14141729	FALSE
Rv0494	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv0498	9	4	1,169925001	0,679785561	0,82201383	0,411069	0,48532866	0,11853923	FALSE
Rv0500	16	7	1,192645078	0,702505638	1,128205588	0,259233	0,32904446	0,08036482	FALSE
Rv0500B	53	35	0,598637438	0,108497998	0,351526753	0,725193	0,78619641	0,19211185	FALSE
Rv0504c	43	13	1,725825037	1,235685597	2,966207978	0,003015	0,00611131	0,00149295	FALSE
Rv0505c	40	26	0,621488377	0,131348937	0,368239182	0,712695	0,77501353	0,18937924	FALSE
Rv0506	11	8	0,459431619	-0,030707821	-0,046430459	0,962967	0,97092351	0,23718979	FALSE
Rv0508	22	6	1,874469118	1,384329678	2,316420535	0,020535	0,03469194	0,00847169	FALSE
Rv0511	146	129	0,178597303	-0,311542137	-1,801987157	0,071547	0,10655709	0,02603787	FALSE
Rv0513	13	3	2,115477217	1,625337777	2,005125088	0,04495	0,06987599	0,01706783	FALSE
Rv0514	3	6	-1	-1,49013944	-1,515219994	0,129717	0,18039306	0,04403309	FALSE
Rv0515	118	85	0,473252113	-0,016887327	-0,083438457	0,933503	0,94806993	0,23166662	FALSE
Rv0518	7	15	-1,099535674	-1,589675114	-2,512114634	0,012001	0,02153674	0,00526263	FALSE
Rv0519c	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv0520	13	1	3,700439718	3,210300278	3,009274622	0,002619	0,00537933	0,00131309	FALSE
Rv0521	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0522	39	12	1,700439718	1,210300278	2,779036316	0,005452	0,01045689	0,00255182	FALSE
Rv0523c	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0524	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv0525	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv0526	2	3	-0,584962501	-1,075101941	-0,830648319	0,406172	0,48063726	0,11741104	FALSE
Rv0527	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv0528	12	3	2	1,50986056	1,825761434	0,067886	0,10178369	0,02485715	FALSE
Rv0529	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv0531	12	3	2	1,50986056	1,825761434	0,067886	0,10178369	0,02485715	FALSE
Rv0532	33	15	1,137503524	0,647364084	1,507439335	0,131698	0,18282297	0,0446739	FALSE
Rv0533c	36	35	0,040641984	-0,449497456	-1,322107137	0,186132	0,24705891	0,06037034	FALSE
Rv0534c	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0535	18	14	0,362570079	-0,127569361	-0,250918781	0,801877	0,84630522	0,20674392	FALSE
Rv0536	17	5	1,765534746	1,275395306	1,911757353	0,055907	0,08559816	0,02090413	FALSE
Rv0537c	61	37	0,721283972	0,231144532	0,786537592	0,431553	0,50744141	0,12399638	FALSE
Rv0539	23	5	2,201633861	1,711494421	2,766839373	0,00566	0,01079791	0,00263725	FALSE
Rv0540	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0541c	29	11	1,398549376	0,908409936	1,895253148	0,058059	0,08857976	0,02164077	FALSE
Rv0542c	23	34	-0,563900885	-1,054040325	-2,751704572	0,005929	0,01126578	0,00275286	FALSE
Rv0544c	1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE

Rv0546c	15	8	0,906890596	0,416751156	0,680935917	0,495912	0,5716713	0,13967072	FALSE
Rv0549c	26	11	1,2410081	0,750868659	1,524378014	0,127414	0,17760231	0,04339046	FALSE
Rv0554	12	4	1,584962501	1,094823061	1,42261141	0,154849	0,20995996	0,05126938	FALSE
Rv0556	18	13	0,469485283	-0,020654157	-0,039879324	0,968189	0,97518167	0,23823009	FALSE
Rv0565c	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE
Rv0566c	11	4	1,459431619	0,969292179	1,232394544	0,217802	0,28246954	0,06881664	FALSE
Rv0567	66	65	0,022026306	-0,468113134	-1,870369445	0,061433	0,09323515	0,02278257	FALSE
Rv0571c	103	108	-0,068386975	-0,558526415	-2,831990753	0,004626	0,00901408	0,00220264	FALSE
Rv0572c	18	12	0,584962501	0,094823061	0,179458261	0,857578	0,88769825	0,2165029	FALSE
Rv0573c	10	7	0,514573173	0,024433733	0,03488969	0,972168	0,97780164	0,23883947	FALSE
Rv0574c	58	19	1,610053482	1,119914042	3,185485833	0,001445	0,00308117	0,0007527	FALSE
Rv0576	92	61	0,592824618	0,102685178	0,438787537	0,660815	0,72998147	0,17837539	FALSE
Rv0578c	167	81	1,04385429	0,55371485	2,948322596	0,003195	0,00646456	0,00157947	FALSE
Rv0579	70	44	0,669851398	0,179711958	0,66095478	0,508641	0,58453335	0,14283426	FALSE
Rv0580c	61	59	0,048094288	-0,442045152	-1,690330015	0,090965	0,13107664	0,03202937	FALSE
Rv0581	41	39	0,072149786	-0,417989654	-1,304898526	0,191927	0,25380173	0,06201799	FALSE
Rv0583c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv0584	68	35	0,958179824	0,468040384	1,613917	0,106545	0,15085566	0,03686249	FALSE
Rv0588	550	357	0,623507544	0,133368104	1,38664987	0,165549	0,22284285	0,054453	FALSE
Rv0591	35	34	0,041820176	-0,448319264	-1,299931301	0,193625	0,25587267	0,06252403	FALSE
Rv0592	45	28	0,684498174	0,194358734	0,571667462	0,567547	0,64370379	0,15729291	FALSE
Rv0593	46	22	1,064130337	0,573990897	1,598251088	0,109987	0,15527826	0,03794318	FALSE
Rv0594	59	20	1,560714954	1,070575514	3,097661749	0,001951	0,00409508	0,00100066	FALSE
Rv0596c	13	7	0,893084796	0,402945356	0,614383992	0,538962	0,61557329	0,15037508	FALSE
Rv0597c	3	6	-1	-1,49013944	-1,515219994	0,129717	0,18039306	0,04403309	FALSE
Rv0600c	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv0601c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0602c	11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE
Rv0603	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv0604	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv0606	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv0607	7	9	-0,362570079	-0,852709519	-1,18595664	0,235639	0,30144863	0,07364873	FALSE
Rv0609A	70	32	1,129283017	0,639143577	2,170767504	0,029949	0,04874943	0,01191222	FALSE
Rv0610c	66	53	0,316473665	-0,173665775	-0,65936845	0,509659	0,58535858	0,14303591	FALSE
Rv0614	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv0615	85	64	0,409390936	-0,080748504	-0,342373954	0,732069	0,79255097	0,19316621	FALSE
Rv0616A	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE

Rv0616c	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0617		65	26	1,321928095	0,831788655	2,632899848	0,008466	0,01557205	0,00380512	FALSE
Rv0618		13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv0619		16	18	-0,169925001	-0,660064441	-1,342368277	0,179477	0,23875189	0,05833053	FALSE
Rv0620		2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE
Rv0621		35	38	-0,118644496	-0,608783937	-1,814986387	0,069526	0,10386344	0,02537966	FALSE
Rv0622		31	13	1,253756592	0,763617152	1,689043203	0,091211	0,13133464	0,03208058	FALSE
Rv0623		31	22	0,494764692	0,004625252	0,011668725	0,99069	0,99361606	0,24276492	FALSE
Rv0624		74	27	1,454565863	0,964426423	3,183240808	0,001456	0,00310262	0,00075814	FALSE
Rv0626		43	45	-0,065588342	-0,555727782	-1,819631751	0,068815	0,102959	0,02515865	FALSE
Rv0627		48	16	1,584962501	1,094823061	2,845293048	0,004437	0,00872662	0,00213187	FALSE
Rv0629c		19	21	-0,144389909	-0,634529349	-1,400018289	0,161508	0,21777905	0,05321563	FALSE
Rv0630c		10	8	0,321928095	-0,168211345	-0,248348112	0,803865	0,84760176	0,20685444	FALSE
Rv0632c		77	38	1,018859027	0,528719587	1,919775068	0,054886	0,08441555	0,02062745	FALSE
Rv0633c		29	23	0,334419039	-0,155720401	-0,390677824	0,696035	0,75837562	0,18531367	FALSE
Rv0634A		33	33	0	-0,49013944	-1,39002339	0,164522	0,22157528	0,05413393	FALSE
Rv0635		95	84	0,177538186	-0,312601254	-1,458699998	0,144648	0,19868071	0,04854883	FALSE
Rv0637		48	16	1,584962501	1,094823061	2,845293048	0,004437	0,00872662	0,00213187	FALSE
Rv0638		244	171	0,512884823	0,022745383	0,160517937	0,872473	0,89728929	0,21925807	FALSE
Rv0639		301	212	0,505699222	0,015559782	0,122120306	0,902804	0,92410186	0,22580988	FALSE
Rv0640		211	183	0,20539935	-0,28474009	-1,970887502	0,048737	0,07546272	0,01843977	FALSE
Rv0646c		14	21	-0,584962501	-1,075101941	-2,197727235	0,027969	0,04581258	0,01119458	FALSE
Rv0647c		24	16	0,584962501	0,094823061	0,207221756	0,835837	0,8689942	0,21228747	FALSE
Rv0648		19	13	0,547487795	0,057348355	0,112235896	0,910636	0,93016872	0,22723291	FALSE
Rv0649		0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv0650	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0652		12	21	-0,807354922	-1,297494362	-2,552068166	0,010709	0,01934177	0,00472628	FALSE
Rv0657c		12	4	1,584962501	1,094823061	1,42261141	0,154849	0,20995996	0,05126938	FALSE
Rv0659c		158	138	0,195256291	-0,294883149	-1,76924767	0,076853	0,11363469	0,02776732	FALSE
Rv0660c		45	23	0,96829114	0,4781517	1,338892943	0,180606	0,23996753	0,05863752	FALSE
Rv0662c		0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv0663		99	85	0,219965684	-0,270173756	-1,277563434	0,201403	0,26498662	0,06475108	FALSE
Rv0664		7	4	0,807354922	0,317215482	0,360226021	0,718678	0,78010787	0,19054463	FALSE
Rv0665		18	14	0,362570079	-0,127569361	-0,250918781	0,801877	0,84630522	0,20674392	FALSE
Rv0666		7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv0674		33	8	2,044394119	1,554254679	3,092858232	0,001982	0,00415302	0,00101427	FALSE
Rv0675		25	7	1,836501268	1,346361828	2,417444951	0,01563	0,02730251	0,00667004	FALSE

Rv0679c	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv0680c	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv0681	34	9	1,91753784	1,4273984	2,947223371	0,003206	0,0064792	0,00157947	FALSE
Rv0682	250	140	0,836501268	0,346361828	2,339225049	0,019324	0,0327657	0,0080065	FALSE
Rv0683	223	174	0,357956404	-0,132183036	-0,916050318	0,359641	0,43493223	0,10627832	FALSE
Rv0686	41	17	1,270089163	0,779949723	1,978412682	0,047882	0,07416893	0,01812363	FALSE
Rv0687	159	104	0,612443237	0,122303797	0,684766259	0,493491	0,56963761	0,1391398	FALSE
Rv0688	109	69	0,659659868	0,169520428	0,779406701	0,43574	0,51221114	0,12516189	FALSE
Rv0689c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0690c	113	55	1,038819249	0,548679809	2,405184471	0,016164	0,02812906	0,00687351	FALSE
Rv0691A	69	36	0,938599455	0,448460015	1,563024548	0,118047	0,16569836	0,0404894	FALSE
Rv0691c	64	26	1,299560282	0,809420842	2,552185402	0,010705	0,01934421	0,00472628	FALSE
Rv0692	106	61	0,797183117	0,307043677	1,359342908	0,174038	0,23346555	0,05704872	FALSE
Rv0693	109	49	1,153474481	0,663335041	2,799656476	0,005116	0,00988462	0,00241537	FALSE
Rv0694	37	44	-0,249978253	-0,740117693	-2,320938671	0,02029	0,03431488	0,00838505	FALSE
Rv0696	12	22	-0,874469118	-1,364608558	-2,715475699	0,006618	0,01252716	0,00306109	FALSE
Rv0697	13	15	-0,206450877	-0,696590318	-1,285055122	0,198773	0,26192295	0,06394851	FALSE
Rv0698	15	7	1,099535674	0,609396234	0,963010104	0,335542	0,40946665	0,09996325	FALSE
Rv0699	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0711	188	119	0,659771088	0,169631648	1,024327199	0,305681	0,37768813	0,09227578	FALSE
Rv0714	92	84	0,131244533	-0,358894907	-1,661337557	0,096646	0,13824225	0,03378033	FALSE
Rv0717	71	30	1,242856524	0,752717084	2,524520753	0,011586	0,02083917	0,00509101	FALSE
Rv0719	140	78	0,843880798	0,353741358	1,785352046	0,074204	0,11026162	0,02694309	FALSE
Rv0720	42	29	0,534336428	0,044196988	0,128899419	0,897437	0,91957292	0,22470321	FALSE
Rv0723	72	35	1,040641984	0,550502544	1,925590013	0,054156	0,08335734	0,02036264	FALSE
Rv0724A	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0726c	81	43	0,913585248	0,423445808	1,605998419	0,108274	0,1531369	0,03741993	FALSE
Rv0727c	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv0729	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv0731c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv0733	23	12	0,938599455	0,448460015	0,902377036	0,366857	0,44256258	0,10814284	FALSE
Rv0734	6	14	-1,222392421	-1,712531861	-2,559420695	0,010485	0,0189725	0,00463563	FALSE
Rv0735	15	29	-0,9510904	-1,44122984	-3,249337216	0,001157	0,0025081	0,00061287	FALSE
Rv0736	11	0	4,459431619	3,969292179	3,000774903	0,002693	0,0055086	0,00134535	FALSE
Rv0737	7	2	1,807354922	1,317215482	1,257822137	0,208456	0,27274955	0,06661452	FALSE
Rv0738	14	15	-0,099535674	-0,589675114	-1,108162795	0,267792	0,33891618	0,0828028	FALSE
Rv0739	16	7	1,192645078	0,702505638	1,128205588	0,259233	0,32904446	0,08036482	FALSE

Rv0742	7	8	-0,192645078	-0,682784518	-0,922068105	0,356493	0,43259956	0,10567548	FALSE
Rv0745	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv0746	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv0748	14	2	2,807354922	2,317215482	2,631401555	0,008503	0,01561513	0,00381296	FALSE
Rv0749	21	25	-0,251538767	-0,741678207	-1,752651745	0,079662	0,11668392	0,02851242	FALSE
Rv0749A	9	4	1,169925001	0,679785561	0,82201383	0,411069	0,48532866	0,11853923	FALSE
Rv0750	42	21	1	0,50986056	1,371710144	0,170154	0,22880515	0,05590992	FALSE
Rv0756c	41	14	1,550197083	1,060057643	2,561523115	0,010421	0,0188668	0,00461022	FALSE
Rv0759c	156	94	0,730813367	0,240673927	1,307624611	0,191001	0,25283308	0,06178129	FALSE
Rv0760c	9	15	-0,736965594	-1,227105034	-2,064902932	0,038932	0,06185117	0,015092	FALSE
Rv0761c	95	59	0,687212559	0,197073119	0,841857095	0,399868	0,47468744	0,11597512	FALSE
Rv0765c	163	106	0,6208077	0,13066826	0,73967296	0,459498	0,53690649	0,13119635	FALSE
Rv0771	4	12	-1,584962501	-2,075101941	-2,696384287	0,00701	0,0132108	0,00322658	FALSE
Rv0772	52	54	-0,054447784	-0,544587224	-1,957142839	0,050331	0,07786898	0,01902776	FALSE
Rv0773c	30	30	0	-0,49013944	-1,325330579	0,185062	0,24580452	0,06006382	FALSE
Rv0776c	14	9	0,637429921	0,147290481	0,243613624	0,80753	0,84905895	0,20685444	FALSE
Rv0779c	6	2	1,584962501	1,094823061	1,005934037	0,314447	0,38650196	0,09441437	FALSE
Rv0780	13	23	-0,823122238	-1,313261678	-2,695916613	0,00702	0,01321024	0,003228	FALSE
Rv0781	58	44	0,398549376	-0,091590064	-0,321383111	0,74792	0,80170956	0,19590258	FALSE
Rv0784	13	12	0,115477217	-0,374662223	-0,653666104	0,513327	0,58905134	0,14389597	FALSE
Rv0785	33	33	0	-0,49013944	-1,39002339	0,164522	0,22157528	0,05413393	FALSE
Rv0786c	14	4	1,807354922	1,317215482	1,778837029	0,075266	0,11164886	0,02726654	FALSE
Rv0787	6	12	-1	-1,49013944	-2,142855462	0,032125	0,05205269	0,01271939	FALSE
Rv0787A	49	52	-0,085729874	-0,575869314	-2,019892682	0,043395	0,06790447	0,01658954	FALSE
Rv0789c	125	70	0,836501268	0,346361828	1,65389811	0,098148	0,1401861	0,03425532	FALSE
Rv0794c	150	118	0,346175641	-0,143963799	-0,819867566	0,412292	0,48640445	0,11885587	FALSE
Rv0795	32	39	-0,285402219	-0,775541659	-2,275649992	0,022867	0,03831603	0,00936075	FALSE
Rv0797	22	17	0,371968777	-0,118170663	-0,256546453	0,797529	0,84274128	0,20590107	FALSE
Rv0798c	9	8	0,169925001	-0,320214439	-0,460475873	0,645175	0,71563901	0,17479625	FALSE
Rv0799c	4	8	-1	-1,49013944	-1,749628282	0,080182	0,11720478	0,02862363	FALSE
Rv0800	24	12	1	0,50986056	1,03689973	0,299783	0,37104628	0,0906674	FALSE
Rv0801	19	6	1,662965013	1,172825573	1,891880126	0,058507	0,0891415	0,02177377	FALSE
Rv0803	23	33	-0,520832163	-1,010971603	-2,619642805	0,008802	0,01611843	0,00393771	FALSE
Rv0804	0	3	NA	NA	NA	NA	NA	NA	FALSE
Rv0806c	118	126	-0,094636874	-0,584776314	-3,188190572	0,001432	0,00305666	0,00074691	FALSE
Rv0807	18	28	-0,637429921	-1,127569361	-2,637490763	0,008352	0,01543554	0,00377177	FALSE
Rv0811c	114	62	0,878693704	0,388554264	1,758926307	0,07859	0,11607188	0,02833413	FALSE

Rv0813c	95	59	0,687212559	0,197073119	0,841857095	0,399868	0,47468744	0,11597512	FALSE
Rv0816c	14	3	2,222392421	1,732252981	2,176985072	0,029482	0,04803921	0,01173622	FALSE
Rv0817c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv0818	267	146	0,870871373	0,380731933	2,641591436	0,008252	0,01526437	0,00372994	FALSE
Rv0819	19	14	0,440572591	-0,049566849	-0,098820853	0,921281	0,93785203	0,22911009	FALSE
Rv0820	28	9	1,637429921	1,147290481	2,256629083	0,024031	0,0399498	0,00976197	FALSE
Rv0821c	88	59	0,576788569	0,086649129	0,363131151	0,716507	0,77872516	0,19025478	FALSE
Rv0828c	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv0831c	60	29	1,0489096	0,55877016	1,781642237	0,074808	0,11107363	0,02714151	FALSE
Rv0832	15	27	-0,847996907	-1,338136347	-2,963486619	0,003042	0,00616081	0,00150543	FALSE
Rv0833	22	21	0,067114196	-0,423025244	-0,968202796	0,332943	0,40693045	0,09942354	FALSE
Rv0839	168	97	0,792404581	0,302265141	1,686174942	0,091762	0,1320306	0,03224289	FALSE
Rv0841	0	4 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0842	64	34	0,912537159	0,422397719	1,42425848	0,154372	0,20967699	0,05123584	FALSE
Rv0843	24	7	1,777607579	1,287468139	2,288226253	0,022124	0,03715939	0,00908012	FALSE
Rv0844c	7	5	0,485426827	-0,004712613	-0,005658617	0,995485	0,99612282	0,24331511	FALSE
Rv0845	20	6	1,736965594	1,246826154	2,037207815	0,041629	0,06558891	0,01601735	FALSE
Rv0851c	19	6	1,662965013	1,172825573	1,891880126	0,058507	0,0891415	0,02177377	FALSE
Rv0852	16	18	-0,169925001	-0,660064441	-1,342368277	0,179477	0,23875189	0,05833053	FALSE
Rv0853c	34	21	0,695145418	0,205005978	0,523158552	0,600864	0,67657832	0,16532601	FALSE
Rv0854	46	23	1	0,50986056	1,435549194	0,151131	0,20570416	0,05026506	FALSE
Rv0855	30	7	2,099535674	1,609396234	3,024501099	0,00249	0,00515103	0,00125802	FALSE
Rv0856	38	12	1,662965013	1,172825573	2,675556456	0,007461	0,01401317	0,00342256	FALSE
Rv0858c	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv0862c	22	23	-0,064130337	-0,554269777	-1,297773487	0,194365	0,25667773	0,06272076	FALSE
Rv0864	110	69	0,672835257	0,182695817	0,841903762	0,399842	0,47487297	0,11597512	FALSE
Rv0865	30	8	1,906890596	1,416751156	2,75285188	0,005908	0,01123458	0,00274457	FALSE
Rv0866	35	12	1,544320516	1,054181076	2,355952752	0,018475	0,03162907	0,00772537	FALSE
Rv0867c	18	14	0,362570079	-0,127569361	-0,250918781	0,801877	0,84630522	0,20674392	FALSE
Rv0868c	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv0870c	41	43	-0,06871275	-0,55885219	-1,787763882	0,073814	0,10976546	0,02682185	FALSE
Rv0871	54	25	1,111031312	0,620891872	1,858004815	0,063168	0,09527707	0,02328153	FALSE
Rv0874c	59	35	0,753360032	0,263220592	0,875995311	0,381033	0,45768448	0,11164947	FALSE
Rv0875c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv0877	289	185	0,643544222	0,153404782	1,151871515	0,249374	0,31771778	0,07763626	FALSE
Rv0878c	24	9	1,415037499	0,924898059	1,750424383	0,080045	0,11715748	0,02861741	FALSE
Rv0879c	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE

Rv0880	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv0881	22	7	1,652076697	1,161937257	2,020680852	0,043313	0,06781738	0,01657159	FALSE
Rv0882	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv0883c	21	18	0,222392421	-0,267747019	-0,582822205	0,560013	0,63626731	0,15543054	FALSE
Rv0887c	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv0889c	38	49	-0,366782331	-0,856921771	-2,778988946	0,005453	0,01044559	0,00255182	FALSE
Rv0890c	14	7	1	0,50986056	0,7919386	0,428396	0,50410976	0,12312662	FALSE
Rv0891c	33	42	-0,347923303	-0,838062743	-2,524439756	0,011588	0,02083437	0,00509101	FALSE
Rv0892	21	14	0,584962501	0,094823061	0,19383764	0,846303	0,87788903	0,21448901	FALSE
Rv0893c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0894	10	2	2,321928095	1,831788655	1,912333526	0,055833	0,08570343	0,02090413	FALSE
Rv0895	9	8	0,169925001	-0,320214439	-0,460475873	0,645175	0,71563901	0,17479625	FALSE
Rv0899	37	9	2,039528364	1,549388924	3,267453271	0,001085	0,00236809	0,0005785	FALSE
Rv0901	7	10	-0,514573173	-1,004712613	-1,434660522	0,151384	0,20597699	0,05033172	FALSE
Rv0902c	47	23	1,031026896	0,540887456	1,531118339	0,12574	0,17564489	0,04288732	FALSE
Rv0904c	8	19	-1,247927513	-1,738066953	-3,012743973	0,002589	0,00533365	0,00130297	FALSE
Rv0905	24	31	-0,36923381	-0,85937325	-2,215733893	0,02671	0,04387947	0,01072221	FALSE
Rv0906	15	14	0,099535674	-0,390603766	-0,734052619	0,462917	0,54057703	0,13205378	FALSE
Rv0908	36	18	1	0,50986056	1,269950423	0,204102	0,26763581	0,06539843	FALSE
Rv0909	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv0911	18	12	0,584962501	0,094823061	0,179458261	0,857578	0,88769825	0,2165029	FALSE
Rv0912	4	12	-1,584962501	-2,075101941	-2,696384287	0,00701	0,0132108	0,00322658	FALSE
Rv0915c	11	16	-0,540568381	-1,030707821	-1,853314183	0,063837	0,09613761	0,02348042	FALSE
Rv0916c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv0920c	64	58	0,142019005	-0,348120435	-1,341502237	0,179757	0,23900334	0,05840191	FALSE
Rv0923c	16	3	2,415037499	1,924898059	2,501209593	0,012377	0,02217071	0,00541755	FALSE
Rv0924c	25	9	1,473931188	0,983791748	1,880983603	0,059974	0,09121677	0,02228503	FALSE
Rv0927c	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv0928	41	38	0,109624491	-0,380514949	-1,180218485	0,237913	0,30410853	0,07431076	FALSE
Rv0929	7	6	0,222392421	-0,267747019	-0,336487378	0,736503	0,79208087	0,19349646	FALSE
Rv0930	24	9	1,415037499	0,924898059	1,750424383	0,080045	0,11715748	0,02861741	FALSE
Rv0932c	347	269	0,36732949	-0,12280995	-1,060083516	0,289107	0,36149897	0,08833446	FALSE
Rv0933	26	30	-0,206450877	-0,696590318	-1,817372519	0,06916	0,10339593	0,02525575	FALSE
Rv0934	23	5	2,201633861	1,711494421	2,766839373	0,00566	0,01079791	0,00263725	FALSE
Rv0936	30	7	2,099535674	1,609396234	3,024501099	0,00249	0,00515103	0,00125802	FALSE
Rv0937c	33	22	0,584962501	0,094823061	0,242991168	0,808012	0,84888022	0,20685444	FALSE
Rv0938	58	45	0,366127899	-0,124011541	-0,437599734	0,661676	0,73072585	0,17855728	FALSE

Rv0942	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv0943c		4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE	
Rv0944		7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE	
Rv0945		13	10	0,378511623	-0,111627817	-0,186076967	0,852384	0,88361059	0,21586868	FALSE	
Rv0948c		21	11	0,932885804	0,442746364	0,852107338	0,394155	0,47019197	0,1148767	FALSE	
Rv0950c		51	16	1,672425342	1,182285902	3,119523429	0,001811	0,00381947	0,00093331	FALSE	
Rv0951		41	29	0,499571009	0,009431569	0,027341711	0,978187	0,98246424	0,24007108	FALSE	
Rv0952		15	19	-0,341036918	-0,831176358	-1,685937893	0,091808	0,13195043	0,03224289	FALSE	
Rv0956		14	4	1,807354922	1,317215482	1,778837029	0,075266	0,11164886	0,02726654	FALSE	
Rv0957		19	16	0,247927513	-0,242211927	-0,49928829	0,617576	0,69230242	0,169144	FALSE	
Rv0959		36	47	-0,38466385	-0,87480329	-2,769875065	0,005608	0,01071874	0,00261919	FALSE	
Rv0961		49	32	0,614709844	0,124570404	0,386990478	0,698763	0,76113543	0,18598805	FALSE	
Rv0962c		4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE	
Rv0963c		19	9	1,078002512	0,587863072	1,049446782	0,293973	0,36443262	0,08902305	FALSE	
Rv0964c		7	2	1,807354922	1,317215482	1,257822137	0,208456	0,27274955	0,06661452	FALSE	
Rv0965c		19	3	2,662965013	2,172825573	2,947310832	0,003206	0,0064824	0,00157947	FALSE	
Rv0966c		22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE	
Rv0972c		72	57	0,337034987	-0,153104453	-0,604994141	0,545183	0,62140665	0,15184447	FALSE	
Rv0973c		21	21	0	-0,49013944	-1,108839266	0,2675	0,33876623	0,08276616	FALSE	
Rv0974c		11	2	2,459431619	1,969292179	2,105458637	0,035251	0,05649774	0,01379707	FALSE	
Rv0975c		26	6	2,115477217	1,625337777	2,835696123	0,004573	0,00892353	0,00217943	FALSE	
Rv0976c		11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE	
Rv0977		21	3	2,807354922	2,317215482	3,222805685	0,001269	0,00272966	0,00066664	FALSE	
Rv0978c		24	4	2,584962501	2,094823061	3,237044548	0,001208	0,00260782	0,00063657	FALSE	
Rv0979A		19	10	0,925999419	0,435859979	0,798860542	0,424371	0,49974965	0,12211685	FALSE	
Rv0982	434	320	0,439623138	-0,050516302	-0,481628553	0,63007	0,70217543	0,17158081	FALSE		
Rv0987	99	61	0,698619283	0,208479842	0,907347981	0,364223	0,440065	0,10753254	FALSE		
Rv0988	52	18	1,530514717	1,040375277	2,840882245	0,004499	0,0088061	0,00215075	FALSE		
Rv0992c	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE		
Rv0993	47	32	0,554588852	0,064449412	0,198143297	0,842933	0,87543967	0,21391898	FALSE		
Rv0997	54	62	-0,199308808	-0,689448248	-2,589144839	0,009621	0,01752416	0,00428214	FALSE		
Rv0998	83	34	1,28757659	0,79743715	2,869403232	0,004112	0,00812302	0,00198491	FALSE		
Rv0999	11	4	1,459431619	0,969292179	1,232394544	0,217802	0,28246954	0,06881664	FALSE		
Rv1000c	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE		
Rv1001	106	88	0,268488836	-0,221650604	-1,075460185	0,282169	0,35418482	0,0865472	FALSE		
Rv1002c	34	14	1,280107919	0,789968479	1,821592467	0,068517	0,10259136	0,02506882	FALSE		
Rv1003	18	6	1,584962501	1,094823061	1,742343196	0,081448	0,11881062	0,02902125	FALSE		

Rv1054	6	10	-0,736965594	-1,227105034	-1,685978429	0,0918	0,13201209	0,03224289	FALSE
Rv1055	10	5	1	0,50986056	0,66930803	0,503299	0,57899031	0,14141729	FALSE
Rv1056	37	12	1,624490865	1,134351425	2,570589323	0,010153	0,01844847	0,004508	FALSE
Rv1058	19	19	0	-0,49013944	-1,054714018	0,291556	0,36397913	0,08848889	FALSE
Rv1059	56	64	-0,192645078	-0,682784518	-2,608164686	0,009103	0,01661069	0,00405892	FALSE
Rv1064c	3	4	-0,415037499	-0,905176939	-0,831685343	0,405587	0,48052657	0,11734837	FALSE
Rv1067c	3	4	-0,415037499	-0,905176939	-0,831685343	0,405587	0,48052657	0,11734837	FALSE
Rv1068c	6	2	1,584962501	1,094823061	1,005934037	0,314447	0,38650196	0,09441437	FALSE
Rv1069c	33	20	0,722466024	0,232326584	0,581335186	0,561015	0,63694197	0,15557396	FALSE
Rv1070c	41	21	0,965234582	0,475095142	1,270500906	0,203906	0,26755845	0,06537953	FALSE
Rv1077	91	41	1,150242636	0,660103196	2,546995159	0,010865	0,01961616	0,00479333	FALSE
Rv1079	13	19	-0,547487795	-1,037627235	-2,030729954	0,042282	0,06639033	0,01622288	FALSE
Rv1081c	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv1083	12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv1085c	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv1086	89	46	0,952171475	0,462032035	1,824611959	0,06806	0,10194583	0,02491108	FALSE
Rv1087A	10	0	4,321928095	3,831788655	2,828613894	0,004675	0,00909158	0,00221937	FALSE
Rv1088	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv1089	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1089A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1090	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv1091	32	10	1,678071905	1,187932465	2,480372686	0,013125	0,02330131	0,00569252	FALSE
Rv1092c	13	25	-0,943416472	-1,433555912	-3,00485308	0,002657	0,00544669	0,00133093	FALSE
Rv1095	276	222	0,31410859	-0,17603085	-1,367604313	0,171436	0,23029152	0,05627313	FALSE
Rv1097c	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv1098c	24	20	0,263034406	-0,227105034	-0,524779472	0,599737	0,67608864	0,16520635	FALSE
Rv1099c	9	8	0,169925001	-0,320214439	-0,460475873	0,645175	0,71563901	0,17479625	FALSE
Rv1100	30	20	0,584962501	0,094823061	0,231682315	0,816785	0,85133979	0,20799309	FALSE
Rv1101c	57	56	0,025535092	-0,464604348	-1,724076761	0,084694	0,12303944	0,03006543	FALSE
Rv1103c	50	38	0,395928676	-0,094210764	-0,307071757	0,758789	0,81068949	0,19809688	FALSE
Rv1104	14	7	1	0,50986056	0,7919386	0,428396	0,50410976	0,12312662	FALSE
Rv1105	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv1107c	9	4	1,169925001	0,679785561	0,82201383	0,411069	0,48532866	0,11853923	FALSE
Rv1111c	33	35	-0,084888898	-0,575028338	-1,654934233	0,097938	0,1399368	0,0341944	FALSE
Rv1112	17	23	-0,436099115	-0,926238555	-2,033319898	0,04202	0,06604505	0,01613526	FALSE
Rv1115	14	14	0	-0,49013944	-0,905355944	0,365277	0,44113378	0,10777704	FALSE
Rv1116	12	0	4,584962501	4,094823061	3,163753838	0,001557	0,00330363	0,00080682	FALSE

Rv1116A	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv1117	219	111	0,980371193	0,490231753	3,022401124	0,002508	0,00517868	0,00126544	FALSE
Rv1118c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv1119c	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1120c	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv1121	37	52	-0,490986353	-0,981125793	-3,207946013	0,001337	0,00285896	0,0006986	FALSE
Rv1124	7	19	-1,440572591	-1,930712031	-3,23679228	0,001209	0,00260581	0,00063657	FALSE
Rv1125	3	4	-0,415037499	-0,905176939	-0,831685343	0,405587	0,48052657	0,11734837	FALSE
Rv1131	196	172	0,188445089	-0,301694351	-2,018535942	0,043535	0,06808411	0,01663676	FALSE
Rv1132	67	66	0,021695071	-0,468444369	-1,885929583	0,059304	0,09025092	0,02205336	FALSE
Rv1134	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1135A	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv1136	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv1137c	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1138c	4	11	-1,459431619	-1,949571059	-2,478757995	0,013184	0,0233911	0,00571576	FALSE
Rv1139c	32	47	-0,554588852	-1,044728292	-3,211913086	0,001319	0,00282132	0,00068941	FALSE
Rv1142c	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv1143	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv1144	15	9	0,736965594	0,246826154	0,415345089	0,677889	0,7419164	0,1811902	FALSE
Rv1145	8	9	-0,169925001	-0,660064441	-0,949188147	0,342525	0,41688011	0,10181958	FALSE
Rv1148c	62	24	1,36923381	0,87909437	2,695470571	0,007029	0,01322156	0,00323077	FALSE
Rv1152	74	31	1,255257055	0,765117615	2,614145312	0,008945	0,01636861	0,00399977	FALSE
Rv1153c	17	25	-0,556393349	-1,046532789	-2,345790229	0,018987	0,03241242	0,00791844	FALSE
Rv1157c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv1158c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv1159A	31	10	1,632268215	1,142128775	2,365881815	0,017987	0,03098366	0,00756437	FALSE
Rv1160	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv1163	23	17	0,436099115	-0,054040325	-0,118631715	0,905567	0,92571719	0,2262046	FALSE
Rv1164	72	68	0,08246216	-0,40767728	-1,683609695	0,092257	0,13254749	0,03238878	FALSE
Rv1166	122	67	0,864648147	0,374508707	1,758108515	0,078729	0,11623324	0,02833413	FALSE
Rv1170	35	13	1,428843299	0,938703859	2,14028162	0,032332	0,05228013	0,01277497	FALSE
Rv1172c	133	136	-0,032180406	-0,522319846	-2,990763034	0,002783	0,00567461	0,00138663	FALSE
Rv1176c	3	2	0,584962501	0,094823061	0,073262463	0,941597	0,95430504	0,2331297	FALSE
Rv1177	188	119	0,659771088	0,169631648	1,024327199	0,305681	0,37768813	0,09227578	FALSE
Rv1182	4	10	-1,321928095	-1,812067535	-2,249681867	0,024469	0,0406345	0,00992246	FALSE
Rv1188	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv1189	11	17	-0,628031223	-1,118170663	-2,041286749	0,041222	0,06513179	0,01591213	FALSE

Rv1190	7	4	0,807354922	0,317215482	0,360226021	0,718678	0,78010787	0,19054463	FALSE
Rv1191	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv1192	66	25	1,40053793	0,91039849	2,864520488	0,004176	0,00823681	0,00201271	FALSE
Rv1193	34	30	0,180572246	-0,309567194	-0,863674136	0,387767	0,46320888	0,11318789	FALSE
Rv1196	54	68	-0,332575339	-0,822714779	-3,16180214	0,001568	0,00332224	0,00081181	FALSE
Rv1197	51	34	0,584962501	0,094823061	0,302082932	0,762589	0,81385882	0,19872219	FALSE
Rv1201c	46	33	0,479167837	-0,010971603	-0,033809333	0,973029	0,9779125	0,23892809	FALSE
Rv1202	44	43	0,033166864	-0,456972576	-1,487891707	0,136779	0,18853645	0,04607002	FALSE
Rv1203c	31	13	1,253756592	0,763617152	1,689043203	0,091211	0,13133464	0,03208058	FALSE
Rv1204c	28	18	0,637429921	0,147290481	0,344526284	0,730451	0,79101756	0,19316621	FALSE
Rv1205	29	34	-0,229481846	-0,719621286	-1,990755357	0,046508	0,07215452	0,01762439	FALSE
Rv1207	39	42	-0,106915204	-0,597054644	-1,8751754	0,060769	0,09233516	0,02256266	FALSE
Rv1208	34	10	1,765534746	1,275395306	2,703662777	0,006858	0,01294992	0,00316286	FALSE
Rv1209	13	13	0	-0,49013944	-0,872421781	0,382978	0,45832986	0,11199567	FALSE
Rv1211	95	56	0,762500686	0,272361246	1,148389752	0,250808	0,3192321	0,07800629	FALSE
Rv1212c	15	5	1,584962501	1,094823061	1,590531181	0,111715	0,15717801	0,03837283	FALSE
Rv1213	23	31	-0,430634354	-0,920773794	-2,348916469	0,018828	0,03217674	0,00786258	FALSE
Rv1214c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv1216c	32	13	1,299560282	0,809420842	1,804623893	0,071134	0,10606206	0,02590701	FALSE
Rv1218c	5	7	-0,485426827	-0,975566267	-1,171400233	0,241438	0,30826063	0,07531304	FALSE
Rv1219c	17	23	-0,436099115	-0,926238555	-2,033319898	0,04202	0,06604505	0,01613526	FALSE
Rv1220c	11	4	1,459431619	0,969292179	1,232394544	0,217802	0,28246954	0,06881664	FALSE
Rv1224	297	192	0,62935662	0,13921718	1,062328682	0,288086	0,36114856	0,08810802	FALSE
Rv1227c	14	18	-0,362570079	-0,852709519	-1,677211773	0,093501	0,13423592	0,03280136	FALSE
Rv1230c	33	17	0,956931278	0,466791838	1,121513881	0,262069	0,33226629	0,08119128	FALSE
Rv1231c	13	26	-1	-1,49013944	-3,154234916	0,001609	0,00340591	0,00083226	FALSE
Rv1235	51	27	0,91753784	0,4273984	1,285328045	0,198678	0,26210686	0,06394851	FALSE
Rv1236	40	16	1,321928095	0,831788655	2,065377787	0,038887	0,06181754	0,015092	FALSE
Rv1237	24	5	2,263034406	1,772894966	2,896759478	0,00377	0,00751	0,00183465	FALSE
Rv1240	30	23	0,38332864	-0,1068108	-0,270252337	0,786966	0,8348554	0,20400197	FALSE
Rv1243c	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv1244	22	32	-0,540568381	-1,030707821	-2,621023345	0,008767	0,01606461	0,00392548	FALSE
Rv1245c	47	21	1,162271429	0,672131989	1,859852595	0,062906	0,09495533	0,02320005	FALSE
Rv1246c	7	6	0,222392421	-0,267747019	-0,336487378	0,736503	0,79208087	0,19349646	FALSE
Rv1247c	18	24	-0,415037499	-0,905176939	-2,03724662	0,041625	0,06566226	0,01601735	FALSE
Rv1251c	46	19	1,275634443	0,785495003	2,108458222	0,034991	0,05620786	0,01372612	FALSE
Rv1254	14	20	-0,514573173	-1,004712613	-2,028936526	0,042465	0,0665696	0,01626016	FALSE

Rv1257c	28	16	0,807354922	0,317215482	0,720465623	0,471238	0,54742995	0,13374793	FALSE
Rv1258c	31	9	1,784271309	1,294131869	2,611058884	0,009026	0,01649389	0,0040285	FALSE
Rv1260	110	61	0,850622376	0,360482936	1,610779371	0,107228	0,15171182	0,0370717	FALSE
Rv1261c	20	28	-0,485426827	-0,975566267	-2,342849844	0,019137	0,03261196	0,00795239	FALSE
Rv1262c	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv1265	337	283	0,251946538	-0,238192902	-2,067143809	0,038721	0,06159021	0,01504994	FALSE
Rv1266c	38	16	1,247927513	0,757788073	1,857654081	0,063218	0,0953154	0,02329089	FALSE
Rv1267c	13	14	-0,106915204	-0,597054644	-1,082598333	0,278987	0,35086739	0,08573657	FALSE
Rv1268c	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1269c	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv1270c	23	4	2,523561956	2,033422516	3,10890893	0,001878	0,00394979	0,0009649	FALSE
Rv1271c	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv1272c	19	29	-0,610053482	-1,100192922	-2,631463321	0,008502	0,01563067	0,00381296	FALSE
Rv1273c	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv1276c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv1277	28	36	-0,362570079	-0,852709519	-2,371980352	0,017693	0,03063236	0,00748354	FALSE
Rv1278	26	30	-0,206450877	-0,696590318	-1,817372519	0,06916	0,10339593	0,02525575	FALSE
Rv1279	24	13	0,884522783	0,394383343	0,818266536	0,413205	0,48726123	0,11904725	FALSE
Rv1280c	11	22	-1	-1,49013944	-2,901464375	0,003714	0,00741138	0,00181102	FALSE
Rv1283c	50	19	1,395928676	0,905789236	2,482575252	0,013044	0,02317355	0,0056626	FALSE
Rv1285	1861	1225	0,603296306	0,113156866	2,174503262	0,029667	0,04831153	0,01180521	FALSE
Rv1287	142	126	0,172467196	-0,317672244	-1,814017431	0,069675	0,10404629	0,02542434	FALSE
Rv1289	74	49	0,594743522	0,104604081	0,400742226	0,68861	0,75196357	0,18374685	FALSE
Rv1290A	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv1291c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1312	47	48	-0,030373649	-0,520513089	-1,771003397	0,07656	0,11328811	0,02768264	FALSE
Rv1313c	25	23	0,120294234	-0,369845206	-0,894082904	0,371278	0,44665397	0,1091426	FALSE
Rv1314c	23	10	1,201633861	0,711494421	1,367854011	0,171358	0,23030532	0,05626682	FALSE
Rv1315	95	51	0,897430266	0,407290826	1,677615548	0,093422	0,13417197	0,03278573	FALSE
Rv1318c	29	34	-0,229481846	-0,719621286	-1,990755357	0,046508	0,07215452	0,01762439	FALSE
Rv1322	3	2	0,584962501	0,094823061	0,073262463	0,941597	0,95430504	0,2331297	FALSE
Rv1323	324	262	0,306427001	-0,183712439	-1,548563132	0,121487	0,17009891	0,0415647	FALSE
Rv1325c	5	11	-1,137503524	-1,627642964	-2,188175297	0,028657	0,04680257	0,01143171	FALSE
Rv1327c	154	98	0,652076697	0,161937257	0,886186868	0,375517	0,4513368	0,11028688	FALSE
Rv1329c	13	15	-0,206450877	-0,696590318	-1,285055122	0,198773	0,26192295	0,06394851	FALSE
Rv1331	412	243	0,761688024	0,271548584	2,385421465	0,01706	0,02960782	0,00723485	FALSE
Rv1335	52	46	0,176877762	-0,313261678	-1,081561593	0,279447	0,35133355	0,08585048	FALSE

Rv1338	11	24	-1,125530882	-1,615670322	-3,215071071	0,001304	0,00279429	0,00068261	FALSE
Rv1341	12	8	0,584962501	0,094823061	0,146526204	0,883506	0,90672561	0,22144749	FALSE
Rv1342c	19	23	-0,275634443	-0,765773883	-1,728463287	0,083905	0,12198429	0,0298076	FALSE
Rv1345	43	40	0,10433666	-0,38580278	-1,226584078	0,219979	0,28359783	0,06929885	FALSE
Rv1347c	35	27	0,374395515	-0,115743925	-0,316811167	0,751387	0,80432177	0,19654089	FALSE
Rv1348	53	56	-0,079434467	-0,569573908	-2,075499468	0,03794	0,06042282	0,01476468	FALSE
Rv1352	42	19	1,144389909	0,654250469	1,716673896	0,086039	0,12473785	0,03047479	FALSE
Rv1354c	6	10	-0,736965594	-1,227105034	-1,685978429	0,0918	0,13201209	0,03224289	FALSE
Rv1356c	16	21	-0,392317423	-0,882456863	-1,865160573	0,062159	0,09422768	0,0230251	FALSE
Rv1359	8	1	3	2,50986056	2,083780734	0,03718	0,05934533	0,01449251	FALSE
Rv1361c	28	36	-0,362570079	-0,852709519	-2,371980352	0,017693	0,03063236	0,00748354	FALSE
Rv1362c	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE
Rv1363c	63	54	0,222392421	-0,267747019	-1,009524288	0,312723	0,38486742	0,09404468	FALSE
Rv1365c	18	19	-0,078002512	-0,568141952	-1,206150196	0,22776	0,29285518	0,07156093	FALSE
Rv1366	16	8	1	0,50986056	0,846619397	0,397207	0,47239059	0,11537879	FALSE
Rv1366A	24	16	0,584962501	0,094823061	0,207221756	0,835837	0,8689942	0,21228747	FALSE
Rv1367c	5	11	-1,137503524	-1,627642964	-2,188175297	0,028657	0,04680257	0,01143171	FALSE
Rv1368	11	16	-0,540568381	-1,030707821	-1,853314183	0,063837	0,09613761	0,02348042	FALSE
Rv1369c	8	18	-1,169925001	-1,660064441	-2,838900868	0,004527	0,00885209	0,00216306	FALSE
Rv1370c	11	14	-0,347923303	-0,838062743	-1,457443015	0,144994	0,19905153	0,0486309	FALSE
Rv1371	4	6	-0,584962501	-1,075101941	-1,174717535	0,240108	0,30676288	0,0749471	FALSE
Rv1372	51	38	0,424497829	-0,065641612	-0,215015046	0,829756	0,86336146	0,2109676	FALSE
Rv1374c	39	13	1,584962501	1,094823061	2,564696669	0,010327	0,01875599	0,0045799	FALSE
Rv1376	35	11	1,669851398	1,179711958	2,579762659	0,009887	0,0179907	0,00439614	FALSE
Rv1380	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv1381	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv1382	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv1383	12	23	-0,938599455	-1,428738895	-2,874863143	0,004042	0,00800818	0,00195685	FALSE
Rv1385	2	5	-1,321928095	-1,812067535	-1,59075933	0,111664	0,15738926	0,03837283	FALSE
Rv1388	128	100	0,35614381	-0,13399563	-0,703687684	0,481627	0,55660094	0,13600881	FALSE
Rv1391	403	312	0,36923381	-0,12090563	-1,124405215	0,260841	0,33081674	0,08083707	FALSE
Rv1393c	91	82	0,150242636	-0,339896804	-1,559674297	0,118837	0,16674739	0,04074573	FALSE
Rv1394c	104	45	1,208586622	0,718447182	2,933729453	0,003349	0,00673454	0,00164562	FALSE
Rv1396c	96	65	0,562594688	0,072455248	0,317932704	0,750536	0,80363121	0,19637215	FALSE
Rv1399c	18	3	2,584962501	2,094823061	2,803354658	0,005057	0,0097865	0,00239021	FALSE
Rv1400c	10	11	-0,137503524	-0,627642964	-1,003447635	0,315645	0,38766896	0,09471436	FALSE
Rv1402	18	31	-0,784271309	-1,274410749	-3,057796836	0,00223	0,00463508	0,00113231	FALSE

Rv1404	71	33	1,105353	0,61521356	2,113111457	0,034591	0,05563375	0,01359444	FALSE
Rv1406	9	1	3,169925001	2,679785561	2,291346064	0,021943	0,036919	0,0090175	FALSE
Rv1408	25	20	0,321928095	-0,168211345	-0,392679099	0,694557	0,75729252	0,18502318	FALSE
Rv1410c	215	162	0,408342847	-0,081796593	-0,551757598	0,581114	0,65756357	0,16067964	FALSE
Rv1411c	68	33	1,043068722	0,552929282	1,87878984	0,060273	0,09161807	0,02238743	FALSE
Rv1412	67	36	0,896164189	0,406024749	1,404755142	0,160094	0,2160966	0,05280451	FALSE
Rv1413	3	10	-1,736965594	-2,227105034	-2,57307418	0,01008	0,0183336	0,00447993	FALSE
Rv1414	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv1416	15	13	0,206450877	-0,283688563	-0,523342675	0,600736	0,67672677	0,16532601	FALSE
Rv1417	39	41	-0,072149786	-0,562289226	-1,755379288	0,079194	0,11647998	0,02845898	FALSE
Rv1418	32	8	2	1,50986056	2,981491342	0,002868	0,00583711	0,00142633	FALSE
Rv1419	96	73	0,395137942	-0,095001498	-0,429141607	0,66782	0,7364693	0,17996073	FALSE
Rv1422	13	15	-0,206450877	-0,696590318	-1,285055122	0,198773	0,26192295	0,06394851	FALSE
Rv1423	23	27	-0,231325546	-0,721464986	-1,777990678	0,075405	0,11174878	0,02730649	FALSE
Rv1424c	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv1425	99	68	0,541893779	0,051754339	0,231448078	0,816967	0,85118864	0,20799309	FALSE
Rv1426c	3	8	-1,415037499	-1,905176939	-2,081704695	0,037369	0,05958665	0,01455734	FALSE
Rv1428c	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv1430	18	32	-0,830074999	-1,320214439	-3,19294138	0,001408	0,00300846	0,00073514	FALSE
Rv1431	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE
Rv1432	8	15	-0,906890596	-1,397030036	-2,282628173	0,022452	0,03766967	0,00920283	FALSE
Rv1434	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv1435c	17	21	-0,304854582	-0,794994022	-1,705961123	0,088015	0,12708442	0,03104811	FALSE
Rv1436	41	15	1,450661409	0,960521969	2,361387935	0,018207	0,03132029	0,00764997	FALSE
Rv1437	54	26	1,054447784	0,564308344	1,705320616	0,088135	0,12718617	0,03107871	FALSE
Rv1438	26	8	1,700439718	1,210300278	2,269054219	0,023265	0,03889957	0,00950331	FALSE
Rv1440	21	21	0	-0,49013944	-1,108839266	0,2675	0,33876623	0,08276616	FALSE
Rv1441c	6	7	-0,222392421	-0,712531861	-0,895464602	0,370539	0,44617759	0,108959	FALSE
Rv1442	60	52	0,206450877	-0,283688563	-1,046737425	0,295221	0,36563172	0,08934432	FALSE
Rv1444c	30	11	1,447458977	0,957319537	2,014295787	0,043978	0,0687494	0,01679933	FALSE
Rv1446c	51	20	1,350497247	0,860357807	2,400347321	0,01638	0,02849088	0,00696192	FALSE
Rv1447c	27	11	1,295455884	0,805316443	1,65041452	0,098858	0,14112272	0,03447789	FALSE
Rv1449c	103	73	0,496675968	0,006536528	0,030051099	0,976026	0,9805461	0,23960237	FALSE
Rv1450c	20	6	1,736965594	1,246826154	2,037207815	0,041629	0,06558891	0,01601735	FALSE
Rv1452c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv1453	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv1454c	18	5	1,847996907	1,357857467	2,064658238	0,038955	0,06181253	0,015092	FALSE

Rv1456c	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv1457c	13	3	2,115477217	1,625337777	2,005125088	0,04495	0,06987599	0,01706783	FALSE
Rv1458c	5	8	-0,678071905	-1,168211345	-1,4503344	0,146965	0,20136823	0,04918829	FALSE
Rv1459c	17	9	0,91753784	0,4273984	0,742062692	0,458049	0,53537346	0,13082174	FALSE
Rv1461	975	629	0,632342202	0,142202762	1,966321639	0,049261	0,07624496	0,01863092	FALSE
Rv1462	330	199	0,729697594	0,239558154	1,893709591	0,058264	0,08884	0,02170859	FALSE
Rv1463	50	45	0,152003093	-0,338136347	-1,149715584	0,250261	0,31864015	0,07786165	FALSE
Rv1464	116	124	-0,096215315	-0,586354755	-3,170448474	0,001522	0,00323547	0,00079061	FALSE
Rv1467c	64	47	0,445411148	-0,044728292	-0,163534175	0,870098	0,89508224	0,21871876	FALSE
Rv1470	16	13	0,299560282	-0,190579158	-0,357295169	0,720871	0,78183604	0,19101984	FALSE
Rv1471	61	23	1,407175382	0,917035941	2,770757782	0,005593	0,01069758	0,00261338	FALSE
Rv1472	387	330	0,229867542	-0,260271898	-2,429944486	0,015101	0,02642022	0,00645594	FALSE
Rv1473A	46	24	0,938599455	0,448460015	1,27617902	0,201892	0,26527228	0,06482089	FALSE
Rv1477	52	18	1,530514717	1,040375277	2,840882245	0,004499	0,0088061	0,00215075	FALSE
Rv1478	27	23	0,231325546	-0,258813894	-0,637825396	0,523587	0,59959196	0,14651392	FALSE
Rv1479	192	143	0,425091164	-0,065048276	-0,413436721	0,679287	0,74282119	0,18151285	FALSE
Rv1480	32	9	1,830074999	1,339935559	2,725017246	0,00643	0,01218264	0,0029769	FALSE
Rv1481	22	9	1,289506617	0,799367177	1,480295214	0,138794	0,19124645	0,04673223	FALSE
Rv1482c	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv1483	57	43	0,406625259	-0,083514181	-0,290101553	0,771739	0,82003783	0,2003812	FALSE
Rv1486c	55	68	-0,306103128	-0,796242568	-3,074137595	0,002111	0,00440145	0,00107552	FALSE
Rv1489	78	32	1,285402219	0,795262779	2,775083384	0,005519	0,01056409	0,0025814	FALSE
Rv1489A	55	37	0,571906348	0,081766908	0,271125529	0,786294	0,83436956	0,20388325	FALSE
Rv1491c	29	7	2,050626073	1,560486633	2,9078358	0,003639	0,00728065	0,00177725	FALSE
Rv1493	97	50	0,956056652	0,465917212	1,919590433	0,05491	0,08441819	0,02062809	FALSE
Rv1494	12	1	3,584962501	3,094823061	2,843553417	0,004461	0,00875897	0,00213923	FALSE
Rv1497	85	48	0,824428435	0,334288995	1,319011353	0,187165	0,24826106	0,06065768	FALSE
Rv1498A	12	4	1,584962501	1,094823061	1,42261141	0,154849	0,20995996	0,05126938	FALSE
Rv1498c	18	18	0	-0,49013944	-1,026582023	0,304617	0,37667215	0,09204212	FALSE
Rv1499	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1500	43	28	0,618909833	0,128770393	0,374471703	0,708053	0,7708248	0,1883557	FALSE
Rv1501	48	23	1,061400545	0,571261105	1,625633082	0,104028	0,14782689	0,0361224	FALSE
Rv1503c	33	12	1,459431619	0,969292179	2,134603595	0,032793	0,0529604	0,01294119	FALSE
Rv1504c	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv1505c	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv1507A	10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv1508A	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE

Rv1508c	23	11	1,064130337	0,573990897	1,130112835	0,258429	0,32850391	0,08021969	FALSE
Rv1509	24	16	0,584962501	0,094823061	0,207221756	0,835837	0,8689942	0,21228747	FALSE
Rv1511	26	14	0,893084796	0,402945356	0,868880017	0,384913	0,46008091	0,11242355	FALSE
Rv1512	17	10	0,765534746	0,275395306	0,49091235	0,623488	0,69752825	0,17042084	FALSE
Rv1513	3	6	-1	-1,49013944	-1,515219994	0,129717	0,18039306	0,04403309	FALSE
Rv1514c	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv1516c	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv1518	13	2	2,700439718	2,210300278	2,463914956	0,013743	0,02428322	0,00593107	FALSE
Rv1519	2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE
Rv1520	93	46	1,015596855	0,525457415	2,098021443	0,035903	0,05738936	0,01402344	FALSE
Rv1521	33	43	-0,381870635	-0,872010075	-2,642195802	0,008237	0,01524438	0,00372506	FALSE
Rv1523	15	22	-0,552541023	-1,042680463	-2,19390369	0,028242	0,04622226	0,01129006	FALSE
Rv1525	30	7	2,099535674	1,609396234	3,024501099	0,00249	0,00515103	0,00125802	FALSE
Rv1530	24	29	-0,273018494	-0,763157934	-1,935124041	0,052975	0,08163681	0,01994845	FALSE
Rv1536	1071	777	0,462971976	-0,027167464	-0,40550961	0,685103	0,74897174	0,18301577	FALSE
Rv1537	32	20	0,678071905	0,187932465	0,46664683	0,640753	0,711239	0,17379555	FALSE
Rv1539	215	169	0,347313413	-0,142826027	-0,973678189	0,330216	0,40372412	0,09865243	FALSE
Rv1540	66	42	0,652076697	0,161937257	0,580097117	0,561849	0,63742616	0,15575894	FALSE
Rv1545	14	4	1,807354922	1,317215482	1,778837029	0,075266	0,11164886	0,02726654	FALSE
Rv1546	31	22	0,494764692	0,004625252	0,011668725	0,99069	0,99361606	0,24276492	FALSE
Rv1548c	38	13	1,547487795	1,057348355	2,460876181	0,01386	0,02441254	0,00596535	FALSE
Rv1549	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv1550	27	5	2,432959407	1,942819967	3,269267531	0,001078	0,00235493	0,00057544	FALSE
Rv1554	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv1555	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv1556	29	11	1,398549376	0,908409936	1,895253148	0,058059	0,08857976	0,02164077	FALSE
Rv1560	5	14	-1,485426827	-1,975566267	-2,82097278	0,004788	0,00929017	0,00226954	FALSE
Rv1565c	37	19	0,961525852	0,471386412	1,198279236	0,230808	0,29628748	0,07239964	FALSE
Rv1566c	11	1	3,459431619	2,969292179	2,669508357	0,007596	0,01423725	0,00347479	FALSE
Rv1567c	9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE
Rv1568	19	31	-0,706268797	-1,196408237	-2,909706628	0,003618	0,00724836	0,00177118	FALSE
Rv1569	17	8	1,087462841	0,597323401	1,006998305	0,313936	0,3862377	0,09436113	FALSE
Rv1570	10	17	-0,765534746	-1,255674186	-2,238331413	0,025199	0,04154691	0,0101501	FALSE
Rv1571	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv1572c	0	3	NA	NA	NA	NA	NA	NA	FALSE
Rv1574	2	6	-1,584962501	-2,075101941	-1,906623771	0,056569	0,08645918	0,02111856	FALSE
Rv1575	2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE

Rv1579c	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv1581c	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv1583c	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv1584c	77	37	1,057333175	0,567193735	2,045787567	0,040777	0,06446772	0,01575308	FALSE
Rv1587c	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv1588c	28	12	1,222392421	0,732252981	1,547689692	0,121697	0,17027119	0,04159189	FALSE
Rv1599	52	50	0,056583528	-0,433555912	-1,528421775	0,126408	0,17635679	0,04309385	FALSE
Rv1603	41	48	-0,227410496	-0,717549936	-2,359444423	0,018302	0,03143636	0,00767998	FALSE
Rv1605	11	5	1,137503524	0,647364084	0,870305176	0,384134	0,45957166	0,11225105	FALSE
Rv1608c	8	10	-0,321928095	-0,812067535	-1,198940765	0,230551	0,29620055	0,07234269	FALSE
Rv1609	43	22	0,966833136	0,476693696	1,305138269	0,191846	0,25377972	0,06201261	FALSE
Rv1610	29	31	-0,096215315	-0,586354755	-1,585054892	0,112954	0,15866361	0,03877041	FALSE
Rv1611	30	31	-0,047305715	-0,537445155	-1,46520734	0,142864	0,19636935	0,04798404	FALSE
Rv1612	19	28	-0,559427409	-1,049566849	-2,488446894	0,01283	0,02293526	0,00560309	FALSE
Rv1613	7	16	-1,192645078	-1,682784518	-2,7025077	0,006882	0,01298244	0,00317234	FALSE
Rv1614	42	52	-0,308122295	-0,798261735	-2,694083436	0,007058	0,01327032	0,00324268	FALSE
Rv1615	85	76	0,161463423	-0,328676017	-1,454775801	0,145731	0,19988791	0,04884382	FALSE
Rv1616	29	7	2,050626073	1,560486633	2,9078358	0,003639	0,00728065	0,00177725	FALSE
Rv1617	124	83	0,579156879	0,089017439	0,442670758	0,658004	0,72728707	0,17771699	FALSE
Rv1619	57	24	1,247927513	0,757788073	2,275185621	0,022895	0,03833799	0,00936812	FALSE
Rv1621c	37	10	1,887525271	1,397385831	3,025555718	0,002482	0,00513855	0,00125563	FALSE
Rv1624c	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv1625c	39	47	-0,269186633	-0,759326073	-2,452841459	0,014173	0,02493093	0,00609202	FALSE
Rv1632c	13	6	1,115477217	0,625337777	0,917426625	0,358919	0,434733	0,10616378	FALSE
Rv1633	105	98	0,099535674	-0,390603766	-1,942321241	0,052098	0,08034896	0,01963375	FALSE
Rv1634	42	28	0,584962501	0,094823061	0,274133401	0,783982	0,83236817	0,2033942	FALSE
Rv1635c	39	25	0,641546029	0,151406589	0,417676944	0,676183	0,74067206	0,1809877	FALSE
Rv1637c	8	8	0	-0,49013944	-0,684379888	0,493735	0,56958239	0,1391398	FALSE
Rv1638	162	130	0,31748219	-0,17265725	-1,026958123	0,30444	0,37657235	0,09201773	FALSE
Rv1638A	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv1641	202	125	0,692427198	0,202287758	1,259056965	0,20801	0,27239373	0,06656106	FALSE
Rv1642	24	9	1,415037499	0,924898059	1,750424383	0,080045	0,11715748	0,02861741	FALSE
Rv1643	47	50	-0,089267338	-0,579406778	-1,991608667	0,046414	0,07208062	0,01760983	FALSE
Rv1644	48	29	0,726981506	0,236842066	0,714194267	0,475107	0,55167799	0,13480585	FALSE
Rv1646	87	67	0,376854305	-0,113285135	-0,488696564	0,625057	0,69898218	0,17080052	FALSE
Rv1647	71	63	0,172467196	-0,317672244	-1,282602135	0,199632	0,26274385	0,06420305	FALSE
Rv1648	31	13	1,253756592	0,763617152	1,689043203	0,091211	0,13133464	0,03208058	FALSE

Rv1650	23	20	0,201633861	-0,288505579	-0,659603883	0,509508	0,58535716	0,14303556	FALSE
Rv1653	10	21	-1,070389328	-1,560528768	-2,932665602	0,003361	0,00675244	0,00164957	FALSE
Rv1655	16	2	3	2,50986056	2,946920872	0,00321	0,00647214	0,00157947	FALSE
Rv1656	20	17	0,234465254	-0,255674186	-0,541994139	0,587823	0,66457644	0,16234195	FALSE
Rv1657	1	6	-2,584962501	-3,075101941	-2,375894006	0,017506	0,03034303	0,00741121	FALSE
Rv1658	26	17	0,612976877	0,122837437	0,278051745	0,780973	0,82939846	0,20266853	FALSE
Rv1660	46	13	1,823122238	1,332982798	3,254175128	0,001137	0,00247332	0,00060387	FALSE
Rv1661	154	91	0,7589919	0,26885246	1,444255639	0,148667	0,20327204	0,04967075	FALSE
Rv1666c	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv1667c	13	6	1,115477217	0,625337777	0,917426625	0,358919	0,434733	0,10616378	FALSE
Rv1668c	23	14	0,716207034	0,226067594	0,472759215	0,636385	0,70739634	0,17280738	FALSE
Rv1671	3	5	-0,736965594	-1,227105034	-1,192161297	0,233198	0,29881484	0,07298129	FALSE
Rv1673c	40	11	1,862496476	1,372357036	3,102912788	0,001916	0,00402528	0,0009836	FALSE
Rv1675c	20	3	2,736965594	2,246826154	3,087022158	0,002022	0,00422749	0,00103218	FALSE
Rv1676	3	9	-1,584962501	-2,075101941	-2,335132488	0,019537	0,03311199	0,00809112	FALSE
Rv1680	5	7	-0,485426827	-0,975566267	-1,171400233	0,241438	0,30826063	0,07531304	FALSE
Rv1681	3	7	-1,222392421	-1,712531861	-1,809773881	0,070331	0,10498548	0,02565384	FALSE
Rv1682	26	18	0,530514717	0,040375277	0,092707869	0,926136	0,94156722	0,23007765	FALSE
Rv1685c	0	2	NA	NA	NA	NA	NA	NA	FALSE
Rv1686c	1	7	-2,807354922	-3,297494362	-2,647819675	0,008101	0,01501446	0,00366887	FALSE
Rv1687c	7	5	0,485426827	-0,004712613	-0,005658617	0,995485	0,99612282	0,24331511	FALSE
Rv1688	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv1689	34	46	-0,436099115	-0,926238555	-2,875616102	0,004032	0,00799315	0,00195318	FALSE
Rv1693	20	28	-0,485426827	-0,975566267	-2,342849844	0,019137	0,03261196	0,00795239	FALSE
Rv1694	29	26	0,157541277	-0,332598163	-0,86040973	0,389563	0,46521235	0,11367745	FALSE
Rv1695	65	25	1,378511623	0,888372183	2,784566229	0,00536	0,01030047	0,00251694	FALSE
Rv1698	17	5	1,765534746	1,275395306	1,911757353	0,055907	0,08559816	0,02090413	FALSE
Rv1700	37	23	0,68589141	0,19575197	0,521953776	0,601703	0,67732728	0,16550902	FALSE
Rv1702c	0	2	NA	NA	NA	NA	NA	NA	FALSE
Rv1703c	55	27	1,026472211	0,536332771	1,643668722	0,100245	0,14302351	0,03494866	FALSE
Rv1704c	46	33	0,479167837	-0,010971603	-0,033809333	0,973029	0,9779125	0,23892809	FALSE
Rv1706A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1707	236	134	0,816553859	0,326414419	2,149283645	0,031612	0,05126435	0,01252675	FALSE
Rv1708	60	26	1,206450877	0,716311437	2,22244936	0,026253	0,04318356	0,01055217	FALSE
Rv1709	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv1710	27	29	-0,103093493	-0,593232933	-1,549203942	0,121333	0,16994412	0,04152687	FALSE
Rv1711	47	33	0,510194732	0,020055292	0,062134202	0,950456	0,95979584	0,23453192	FALSE

Rv1712	42	38	0,144389909	-0,345749531	-1,078869445	0,280646	0,35249996	0,0861355	FALSE
Rv1713	37	18	1,039528364	0,549388924	1,377812864	0,168261	0,2263381	0,05530708	FALSE
Rv1715	33	8	2,044394119	1,554254679	3,092858232	0,001982	0,00415302	0,00101427	FALSE
Rv1716	61	70	-0,198545679	-0,688685119	-2,748462646	0,005988	0,01137226	0,00277888	FALSE
Rv1717	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv1720c	5	8	-0,678071905	-1,168211345	-1,4503344	0,146965	0,20136823	0,04918829	FALSE
Rv1721c	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv1723	10	2	2,321928095	1,831788655	1,912333526	0,055833	0,08570343	0,02090413	FALSE
Rv1725c	32	39	-0,285402219	-0,775541659	-2,275649992	0,022867	0,03831603	0,00936075	FALSE
Rv1727	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv1728c	18	15	0,263034406	-0,227105034	-0,454469398	0,649491	0,71848793	0,17556687	FALSE
Rv1729c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv1730c	15	17	-0,180572246	-0,670711686	-1,323145556	0,185787	0,24668417	0,06027877	FALSE
Rv1731	46	13	1,823122238	1,332982798	3,254175128	0,001137	0,00247332	0,00060387	FALSE
Rv1732c	4	8	-1	-1,49013944	-1,749628282	0,080182	0,11720478	0,02862363	FALSE
Rv1734c	0	2	NA	NA	NA	NA	NA	NA	FALSE
Rv1735c	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv1739c	9	20	-1,152003093	-1,642142533	-2,969370326	0,002984	0,00605505	0,0014792	FALSE
Rv1740	34	9	1,91753784	1,4273984	2,947223371	0,003206	0,0064792	0,00157947	FALSE
Rv1742	26	10	1,378511623	0,888372183	1,761063731	0,078228	0,11560221	0,02824276	FALSE
Rv1743	118	56	1,075288127	0,585148687	2,604678582	0,009196	0,01676497	0,00409662	FALSE
Rv1744c	0	4	NA	NA	NA	NA	NA	NA	FALSE
Rv1745c	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv1746	17	10	0,765534746	0,275395306	0,49091235	0,623488	0,69752825	0,17042084	FALSE
Rv1747	55	28	0,974004791	0,483865351	1,496419684	0,134544	0,18657514	0,04559076	FALSE
Rv1748	38	32	0,247927513	-0,242211927	-0,706114892	0,480117	0,55526601	0,13566252	FALSE
Rv1751	79	35	1,174497731	0,684358291	2,449982068	0,014286	0,02507332	0,00612682	FALSE
Rv1752	5	5	0	-0,49013944	-0,54104788	0,588475	0,66483241	0,16234195	FALSE
Rv1756c	10	14	-0,485426827	-0,975566267	-1,656621734	0,097596	0,13949937	0,03408752	FALSE
Rv1757c	13	15	-0,206450877	-0,696590318	-1,285055122	0,198773	0,26192295	0,06394851	FALSE
Rv1758	11	0	4,459431619	3,969292179	3,000774903	0,002693	0,0055086	0,00134535	FALSE
Rv1759c	21	4	2,392317423	1,902177983	2,842851455	0,004471	0,00876506	0,00214072	FALSE
Rv1761c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv1762c	12	4	1,584962501	1,094823061	1,42261141	0,154849	0,20995996	0,05126938	FALSE
Rv1765A	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv1765c	137	82	0,740480078	0,250340638	1,272471596	0,203206	0,26686326	0,06519869	FALSE
Rv1766	97	62	0,645716532	0,155577092	0,676402137	0,498785	0,57455954	0,1403971	FALSE

Rv1768	101	63	0,680931559	0,190792119	0,841289606	0,400186	0,47484813	0,11603201	FALSE
Rv1769	78	39	1	0,50986056	1,86938234	0,06157	0,09337066	0,02281568	FALSE
Rv1771	38	43	-0,178337241	-0,668476681	-2,098208257	0,035887	0,05738647	0,01402273	FALSE
Rv1772	61	48	0,345774837	-0,144364603	-0,524275866	0,600087	0,67628816	0,1652551	FALSE
Rv1778c	4	12	-1,584962501	-2,075101941	-2,696384287	0,00701	0,0132108	0,00322658	FALSE
Rv1781c	29	17	0,770518154	0,280378714	0,65222387	0,514257	0,58977171	0,14411428	FALSE
Rv1783	971	773	0,329002881	-0,161136559	-2,343794288	0,019089	0,03256503	0,00795239	FALSE
Rv1786	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv1787	17	19	-0,160464672	-0,650604112	-1,361617649	0,173319	0,23258043	0,05683244	FALSE
Rv1788	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv1791	135	138	-0,03170886	-0,5218483	-3,010206976	0,002611	0,00537132	0,00131252	FALSE
Rv1801	479	271	0,821732804	0,331593364	3,108467909	0,001881	0,0039525	0,00096582	FALSE
Rv1802	190	93	1,030696797	0,540557357	3,077144941	0,00209	0,00435962	0,0010653	FALSE
Rv1803c	77	41	0,909234536	0,419095096	1,550917412	0,120921	0,16948972	0,04141584	FALSE
Rv1805c	8	5	0,678071905	0,187932465	0,233318158	0,815514	0,85081047	0,20778966	FALSE
Rv1807	1050	686	0,614108846	0,123969406	1,784676385	0,074314	0,11038246	0,02697262	FALSE
Rv1809	774	475	0,704406053	0,214266613	2,606480869	0,009148	0,01668479	0,00407703	FALSE
Rv1810	126	88	0,517848305	0,027708865	0,140383097	0,888357	0,91098616	0,22260498	FALSE
Rv1812c	31	37	-0,255257055	-0,745396495	-2,14152987	0,032231	0,05214972	0,01274046	FALSE
Rv1815	23	19	0,275634443	-0,214504997	-0,484169049	0,628266	0,70186764	0,17118513	FALSE
Rv1819c	11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE
Rv1820	75	47	0,674229839	0,184090399	0,70029336	0,483744	0,55871659	0,13652578	FALSE
Rv1821	204	161	0,341508464	-0,148630976	-0,987973493	0,323166	0,39584749	0,09672773	FALSE
Rv1822	33	11	1,584962501	1,094823061	2,359168102	0,018316	0,03143904	0,00768232	FALSE
Rv1823	34	23	0,563900885	0,073761445	0,192563511	0,847301	0,87857401	0,21468487	FALSE
Rv1824	8	6	0,415037499	-0,075101941	-0,097587347	0,92226	0,93835987	0,22929391	FALSE
Rv1825	18	26	-0,530514717	-1,020654157	-2,343579539	0,0191	0,03256956	0,00795239	FALSE
Rv1828	199	176	0,177193002	-0,312946438	-2,113909809	0,034523	0,05554685	0,01357321	FALSE
Rv1830	103	55	0,905140814	0,415001374	1,777529434	0,075481	0,11181866	0,02732357	FALSE
Rv1831	118	79	0,578862301	0,088722861	0,430418649	0,666891	0,73586038	0,17981171	FALSE
Rv1833c	9	11	-0,289506617	-0,779646057	-1,21405926	0,224725	0,28933449	0,07065404	FALSE
Rv1834	16	10	0,678071905	0,187932465	0,329964181	0,741427	0,79551382	0,19430853	FALSE
Rv1836c	36	19	0,921997488	0,431858048	1,090302479	0,27558	0,34680619	0,08471689	FALSE
Rv1839c	25	37	-0,565597176	-1,055736616	-2,874320364	0,004049	0,00801788	0,00195922	FALSE
Rv1840c	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv1841c	12	8	0,584962501	0,094823061	0,146526204	0,883506	0,90672561	0,22144749	FALSE
Rv1844c	90	50	0,847996907	0,357857467	1,447025813	0,14789	0,20227995	0,04942833	FALSE

Rv1846c	86	99	-0,203091865	-0,693231305	-3,287665604	0,00101	0,00221375	0,00054094	FALSE
Rv1851	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv1852	13	17	-0,387023123	-0,877162563	-1,669607135	0,094997	0,13608355	0,03325284	FALSE
Rv1853	7	14	-1	-1,49013944	-2,314552321	0,020637	0,0348268	0,00851014	FALSE
Rv1854c	215	195	0,140862536	-0,349276904	-2,467869709	0,013592	0,02406014	0,00587924	FALSE
Rv1856c	16	22	-0,459431619	-0,949571059	-2,030491988	0,042307	0,06640157	0,01622562	FALSE
Rv1858	9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE
Rv1859	63	32	0,977279923	0,487140483	1,611493212	0,107072	0,15154665	0,03703134	FALSE
Rv1860	11	7	0,652076697	0,161937257	0,236811317	0,812803	0,84877561	0,20737573	FALSE
Rv1861	20	26	-0,378511623	-0,868651063	-2,047794729	0,04058	0,064182	0,01568326	FALSE
Rv1862	78	44	0,8259706	0,33583116	1,269014232	0,204436	0,26798339	0,06548336	FALSE
Rv1863c	30	16	0,906890596	0,416751156	0,963001337	0,335547	0,4090885	0,09996325	FALSE
Rv1864c	26	6	2,115477217	1,625337777	2,835696123	0,004573	0,00892353	0,00217943	FALSE
Rv1865c	16	17	-0,087462841	-0,577602281	-1,157998776	0,246865	0,31462337	0,07688012	FALSE
Rv1866	24	5	2,263034406	1,772894966	2,896759478	0,00377	0,00751	0,00183465	FALSE
Rv1867	7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv1868	73	31	1,235628248	0,745488808	2,538430456	0,011135	0,02006578	0,00490319	FALSE
Rv1869c	198	108	0,874469118	0,384329678	2,294721871	0,021749	0,03663939	0,00895306	FALSE
Rv1873	6	1	2,584962501	2,094823061	1,61850815	0,105553	0,14972211	0,03655894	FALSE
Rv1875	328	231	0,505802963	0,015663523	0,128330942	0,897887	0,91979251	0,22475686	FALSE
Rv1880c	75	68	0,141355849	-0,348783591	-1,455170527	0,145622	0,1998082	0,04882434	FALSE
Rv1881c	10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv1884c	12	8	0,584962501	0,094823061	0,146526204	0,883506	0,90672561	0,22144749	FALSE
Rv1885c	10	8	0,321928095	-0,168211345	-0,248348112	0,803865	0,84760176	0,20685444	FALSE
Rv1886c	62	25	1,310340121	0,820200681	2,540690849	0,011063	0,01995495	0,00487611	FALSE
Rv1888A	3	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1888c	48	27	0,830074999	0,339935559	1,006919801	0,313973	0,38616246	0,09436113	FALSE
Rv1889c	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1890c	37	28	0,402098444	-0,088040996	-0,246586875	0,805228	0,84732288	0,20685444	FALSE
Rv1892	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv1896c	30	32	-0,093109404	-0,583248844	-1,602751321	0,10899	0,15398128	0,03762626	FALSE
Rv1897c	12	6	1	0,50986056	0,733191443	0,463442	0,54086663	0,13216403	FALSE
Rv1899c	190	106	0,841935154	0,351795714	2,069221964	0,038525	0,06130446	0,01498012	FALSE
Rv1901	51	62	-0,281770968	-0,771910408	-2,857688149	0,004267	0,00839928	0,00205242	FALSE
Rv1903	4	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1905c	105	106	-0,013674937	-0,503814377	-2,554919557	0,010621	0,01920181	0,00469208	FALSE
Rv1907c	65	52	0,321928095	-0,168211345	-0,633202925	0,526601	0,60286644	0,14731406	FALSE

Rv1910c	79	39	1,018378529	0,528239089	1,942945222	0,052023	0,0802643	0,01961307	FALSE
Rv1913	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv1914c	38	32	0,247927513	-0,242211927	-0,706114892	0,480117	0,55526601	0,13566252	FALSE
Rv1916	84	51	0,719892081	0,229752641	0,917666977	0,358793	0,43498529	0,10616378	FALSE
Rv1917c	45	42	0,099535674	-0,390603766	-1,271460194	0,203565	0,26720042	0,06529204	FALSE
Rv1918c	38	27	0,493040011	0,002900571	0,008104297	0,993534	0,99506268	0,24314959	FALSE
Rv1921c	16	13	0,299560282	-0,190579158	-0,357295169	0,720871	0,78183604	0,19101984	FALSE
Rv1922	51	21	1,280107919	0,789968479	2,231014933	0,02568	0,04229479	0,01033499	FALSE
Rv1923	48	21	1,192645078	0,702505638	1,954158517	0,050682	0,0783822	0,01915317	FALSE
Rv1924c	13	6	1,115477217	0,625337777	0,917426625	0,358919	0,434733	0,10616378	FALSE
Rv1925	441	353	0,321110472	-0,169028968	-1,658236634	0,09727	0,13908394	0,033986	FALSE
Rv1926c	95	67	0,503766418	0,013626978	0,060092292	0,952082	0,9610652	0,23481174	FALSE
Rv1929c	124	118	0,071553261	-0,418586179	-2,273011683	0,023025	0,03852377	0,00941352	FALSE
Rv1930c	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv1932	3	6	-1	-1,49013944	-1,515219994	0,129717	0,18039306	0,04403309	FALSE
Rv1940	29	19	0,610053482	0,119914042	0,286812791	0,774256	0,82248868	0,20098008	FALSE
Rv1941	25	6	2,058893689	1,568754249	2,710269732	0,006723	0,01271935	0,00310805	FALSE
Rv1942c	27	12	1,169925001	0,679785561	1,423790007	0,154507	0,20975174	0,0512452	FALSE
Rv1943c	15	8	0,906890596	0,416751156	0,680935917	0,495912	0,5716713	0,13967072	FALSE
Rv1944c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv1945	61	61	0	-0,49013944	-1,889924685	0,058768	0,08946946	0,0218624	FALSE
Rv1946c	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv1947	6	2	1,584962501	1,094823061	1,005934037	0,314447	0,38650196	0,09441437	FALSE
Rv1948c	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv1954c	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv1963c	106	49	1,11321061	0,62307117	2,611432367	0,009016	0,01649132	0,0040285	FALSE
Rv1967	11	7	0,652076697	0,161937257	0,236811317	0,812803	0,84877561	0,20737573	FALSE
Rv1969	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv1970	20	4	2,321928095	1,831788655	2,704462371	0,006842	0,0129313	0,00315984	FALSE
Rv1972	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv1973	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1974	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv1975	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv1977	69	30	1,201633861	0,711494421	2,369277986	0,017823	0,03082296	0,00753178	FALSE
Rv1978	30	17	0,819427754	0,329288314	0,77251866	0,439807	0,51559517	0,1259888	FALSE
Rv1980c	162	154	0,073063462	-0,417075978	-2,588117872	0,00965	0,0175683	0,00429292	FALSE
Rv1981c	165	87	0,923378718	0,433239278	2,341363748	0,019213	0,03259273	0,00796423	FALSE

Rv2061c	2	10	-2,321928095	-2,812067535	-2,93571587	0,003328	0,00669501	0,00163597	FALSE
Rv2063	0	5	-3,321928095	-3,812067535	-2,366327617	0,017966	0,03101478	0,00756437	FALSE
Rv2063A	0	3	NA	NA	NA	NA	NA	NA	FALSE
Rv2064	1	5	-2,321928095	-2,812067535	-2,075859087	0,037907	0,06039444	0,01475775	FALSE
Rv2065	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv2066	16	23	-0,523561956	-1,013701396	-2,191847637	0,028391	0,04642586	0,01134444	FALSE
Rv2067c	15	15	0	-0,49013944	-0,937133546	0,34869	0,42352533	0,10349098	FALSE
Rv2069	8	10	-0,321928095	-0,812067535	-1,198940765	0,230551	0,29620055	0,07234269	FALSE
Rv2070c	14	8	0,807354922	0,317215482	0,509439725	0,610444	0,68519229	0,16733468	FALSE
Rv2071c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv2072c	19	27	-0,506959989	-0,997099429	-2,342652968	0,019147	0,03260783	0,00795239	FALSE
Rv2073c	15	4	1,906890596	1,416751156	1,946542327	0,05159	0,07965896	0,01945745	FALSE
Rv2074	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv2075c	75	38	0,980891177	0,490751737	1,770227417	0,076689	0,1134362	0,02771882	FALSE
Rv2077A	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2081c	27	25	0,111031312	-0,379108128	-0,953961629	0,340103	0,41438455	0,10125737	FALSE
Rv2082	107	74	0,532013621	0,041874181	0,195017938	0,845379	0,87728	0,21436867	FALSE
Rv2083	16	6	1,415037499	0,924898059	1,429207209	0,152945	0,2078834	0,05079757	FALSE
Rv2085	20	6	1,736965594	1,246826154	2,037207815	0,041629	0,06558891	0,01601735	FALSE
Rv2086	2	6	-1,584962501	-2,075101941	-1,906623771	0,056569	0,08645918	0,02111856	FALSE
Rv2088	26	34	-0,387023123	-0,877162563	-2,361222739	0,018215	0,03131356	0,00764997	FALSE
Rv2089c	49	25	0,970853654	0,480714214	1,404001287	0,160318	0,21632468	0,05286024	FALSE
Rv2090	2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE
Rv2095c	21	12	0,807354922	0,317215482	0,623937612	0,532669	0,60936596	0,14888045	FALSE
Rv2096c	16	8	1	0,50986056	0,846619397	0,397207	0,47239059	0,11537879	FALSE
Rv2097c	83	95	-0,194816177	-0,684955617	-3,186670235	0,001439	0,0030711	0,00075044	FALSE
Rv2100	1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE
Rv2102	2	5	-1,321928095	-1,812067535	-1,59075933	0,111664	0,15738926	0,03837283	FALSE
Rv2104c	106	73	0,538095896	0,047956456	0,222063969	0,824264	0,85833367	0,20973902	FALSE
Rv2105	26	28	-0,106915204	-0,597054644	-1,531049773	0,125757	0,17554296	0,04288732	FALSE
Rv2107	8	1	3	2,50986056	2,083780734	0,03718	0,05934533	0,01449251	FALSE
Rv2109c	70	49	0,514573173	0,024433733	0,092314947	0,926448	0,94163944	0,23009529	FALSE
Rv2112c	82	35	1,228268988	0,738129548	2,667221993	0,007648	0,01427623	0,00348819	FALSE
Rv2113	9	21	-1,222392421	-1,712531861	-3,134654428	0,001721	0,00363474	0,00088793	FALSE
Rv2114	50	32	0,64385619	0,15371675	0,479954742	0,63126	0,7032003	0,17180674	FALSE
Rv2115c	673	496	0,440266384	-0,049873056	-0,592197813	0,553718	0,62966491	0,15386243	FALSE
Rv2116	8	5	0,678071905	0,187932465	0,233318158	0,815514	0,85081047	0,20778966	FALSE

Rv2117	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2118c	13	8	0,700439718	0,210300278	0,331536929	0,740239	0,79522231	0,19421112	FALSE
Rv2119	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv2120c	4	10	-1,321928095	-1,812067535	-2,249681867	0,024469	0,0406345	0,00992246	FALSE
Rv2121c	41	27	0,602664502	0,112525062	0,320428986	0,748643	0,80226441	0,19603816	FALSE
Rv2122c	12	4	1,584962501	1,094823061	1,42261141	0,154849	0,20995996	0,05126938	FALSE
Rv2123	10	7	0,514573173	0,024433733	0,03488969	0,972168	0,97780164	0,23883947	FALSE
Rv2125	18	16	0,169925001	-0,320214439	-0,651217786	0,514906	0,59025615	0,14421149	FALSE
Rv2126c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv2127	107	54	0,986579484	0,496440044	2,136873747	0,032608	0,05268319	0,01287346	FALSE
Rv2129c	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv2132	8	7	0,192645078	-0,297494362	-0,401752025	0,687867	0,751467	0,18359983	FALSE
Rv2135c	9	10	-0,152003093	-0,642142533	-0,976394728	0,328869	0,40226563	0,09828065	FALSE
Rv2139	18	5	1,847996907	1,357857467	2,064658238	0,038955	0,06181253	0,015092	FALSE
Rv2140c	14	11	0,347923303	-0,142216137	-0,24732267	0,804659	0,84729446	0,20685444	FALSE
Rv2141c	42	54	-0,362570079	-0,852709519	-2,905125539	0,003671	0,00733273	0,0017918	FALSE
Rv2142A	26	30	-0,206450877	-0,696590318	-1,817372519	0,06916	0,10339593	0,02525575	FALSE
Rv2143	45	52	-0,208586622	-0,698726062	-2,39918824	0,016431	0,02856851	0,00698089	FALSE
Rv2144c	144	107	0,428458015	-0,061681425	-0,339299687	0,734384	0,79198272	0,19318673	FALSE
Rv2147c	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv2148c	29	14	1,050626073	0,560486633	1,242040131	0,214222	0,27912444	0,06820575	FALSE
Rv2149c	50	15	1,736965594	1,246826154	3,221171235	0,001277	0,00274226	0,00067009	FALSE
Rv2150c	66	29	1,186413124	0,696273684	2,273612754	0,022989	0,0384797	0,00940275	FALSE
Rv2151c	18	20	-0,152003093	-0,642142533	-1,380846223	0,167326	0,22515817	0,05501876	FALSE
Rv2153c	5	5	0	-0,49013944	-0,54104788	0,588475	0,66483241	0,16234195	FALSE
Rv2154c	36	25	0,526068812	0,035929372	0,097152547	0,922605	0,93846666	0,22932001	FALSE
Rv2156c	52	36	0,530514717	0,040375277	0,131112095	0,895687	0,91802003	0,22432375	FALSE
Rv2157c	46	13	1,823122238	1,332982798	3,254175128	0,001137	0,00247332	0,00060387	FALSE
Rv2159c	122	108	0,175849835	-0,314289605	-1,662507402	0,096411	0,13795723	0,03371068	FALSE
Rv2160A	208	142	0,550692599	0,060553159	0,391960082	0,695088	0,75755442	0,18511301	FALSE
Rv2160c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2161c	323	268	0,269301164	-0,220838276	-1,870634465	0,061396	0,09321557	0,02277779	FALSE
Rv2162c	168	92	0,868755467	0,378616027	2,084327047	0,03713	0,05932665	0,01449251	FALSE
Rv2164c	21	3	2,807354922	2,317215482	3,222805685	0,001269	0,00272966	0,00066664	FALSE
Rv2166c	93	57	0,706268797	0,216129357	0,910477531	0,362571	0,43827231	0,10707792	FALSE
Rv2167c	12	17	-0,502500341	-0,992639781	-1,851974713	0,064029	0,09629695	0,02352621	FALSE
Rv2168c	9	17	-0,91753784	-1,40767728	-2,444054054	0,014523	0,02547195	0,00622283	FALSE

Rv2169c	460	274	0,747457968	0,257318528	2,394472167	0,016644	0,02892569	0,00706817	FALSE
Rv2170	13	1	3,700439718	3,210300278	3,009274622	0,002619	0,00537933	0,00131309	FALSE
Rv2171	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv2178c	145	66	1,135514971	0,645375531	3,151515191	0,001624	0,00343593	0,00083959	FALSE
Rv2179c	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv2180c	25	15	0,736965594	0,246826154	0,536213136	0,591811	0,66744345	0,1630703	FALSE
Rv2181	94	81	0,214738849	-0,275400591	-1,270110658	0,204045	0,26765085	0,06539843	FALSE
Rv2183c	20	15	0,415037499	-0,075101941	-0,154301048	0,877372	0,9017342	0,22031521	FALSE
Rv2184c	171	109	0,64966819	0,15952875	0,920329839	0,3574	0,43343126	0,10591155	FALSE
Rv2186c	19	7	1,440572591	0,950433151	1,593378317	0,111075	0,15670131	0,03829091	FALSE
Rv2187	74	88	-0,249978253	-0,740117693	-3,282460238	0,001029	0,0022525	0,00055041	FALSE
Rv2189c	14	4	1,807354922	1,317215482	1,778837029	0,075266	0,11164886	0,02726654	FALSE
Rv2190c	45	19	1,243925583	0,753786143	2,012255982	0,044193	0,06905703	0,0168745	FALSE
Rv2191	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv2192c	19	4	2,247927513	1,757788073	2,562140115	0,010403	0,01885079	0,00460631	FALSE
Rv2194	37	13	1,509013647	1,018874207	2,355573267	0,018494	0,03161981	0,00772649	FALSE
Rv2199c	24	4	2,584962501	2,094823061	3,237044548	0,001208	0,00260782	0,00063657	FALSE
Rv2200c	126	98	0,362570079	-0,127569361	-0,663943797	0,506726	0,58250401	0,14233838	FALSE
Rv2201	24	11	1,125530882	0,635391442	1,264384581	0,206092	0,27006354	0,06599166	FALSE
Rv2205c	31	15	1,047305715	0,557166275	1,27728452	0,201502	0,26502681	0,0647609	FALSE
Rv2207	15	7	1,099535674	0,609396234	0,963010104	0,335542	0,40946665	0,09996325	FALSE
Rv2208	9	21	-1,222392421	-1,712531861	-3,134654428	0,001721	0,00363474	0,00088793	FALSE
Rv2209	291	182	0,677080703	0,186941263	1,400372106	0,161402	0,2177114	0,0531991	FALSE
Rv2211c	26	16	0,700439718	0,210300278	0,468869699	0,639163	0,70987788	0,17346295	FALSE
Rv2213	31	12	1,36923381	0,87909437	1,905941863	0,056658	0,0865266	0,0211433	FALSE
Rv2214c	62	26	1,253756592	0,763617152	2,388724753	0,016907	0,02935602	0,00717332	FALSE
Rv2215	164	142	0,207804885	-0,282334555	-1,722083741	0,085054	0,12347109	0,03017091	FALSE
Rv2217	39	37	0,075948853	-0,414190587	-1,260273683	0,207571	0,27190989	0,06644283	FALSE
Rv2219A	56	68	-0,280107919	-0,770247359	-2,98720308	0,002815	0,00573812	0,00140214	FALSE
Rv2222c	157	78	1,00921853	0,51907909	2,695986075	0,007018	0,01321385	0,003228	FALSE
Rv2223c	37	9	2,039528364	1,549388924	3,267453271	0,001085	0,00236809	0,0005785	FALSE
Rv2224c	252	129	0,966052668	0,475913228	3,15534471	0,001603	0,00339482	0,00082955	FALSE
Rv2225	57	38	0,584962501	0,094823061	0,319360393	0,749453	0,80291218	0,19619645	FALSE
Rv2226	72	49	0,555215157	0,065075717	0,247605456	0,80444	0,84763545	0,20685444	FALSE
Rv2227	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv2228c	34	10	1,765534746	1,275395306	2,703662777	0,006858	0,01294992	0,00316286	FALSE
Rv2229c	25	16	0,64385619	0,15371675	0,339371192	0,73433	0,79236228	0,19318673	FALSE

Rv2231A	6	1	2,584962501	2,094823061	1,61850815	0,105553	0,14972211	0,03655894	FALSE
Rv2231B	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2231c	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv2232	15	11	0,447458977	-0,042680463	-0,075515343	0,939805	0,953602	0,23292763	FALSE
Rv2234	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE
Rv2236c	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv2237	18	6	1,584962501	1,094823061	1,742343196	0,081448	0,11881062	0,02902125	FALSE
Rv2237A	106	85	0,318529518	-0,171609922	-0,825469474	0,409105	0,48352162	0,11815143	FALSE
Rv2238c	25	11	1,184424571	0,694285131	1,395751358	0,162789	0,2193556	0,05360087	FALSE
Rv2240c	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv2241	149	114	0,386278506	-0,103860934	-0,585424233	0,558262	0,63464776	0,15508002	FALSE
Rv2242	78	60	0,378511623	-0,111627817	-0,455824481	0,648516	0,71761285	0,17535304	FALSE
Rv2243	100	49	1,029146346	0,539006906	2,226424238	0,025986	0,0427621	0,01044918	FALSE
Rv2245	346	206	0,7481277	0,25798826	2,081622484	0,037377	0,05957431	0,01455734	FALSE
Rv2246	144	120	0,263034406	-0,227105034	-1,285609189	0,198579	0,26206587	0,06394851	FALSE
Rv2248	44	46	-0,064130337	-0,554269777	-1,835377896	0,06645	0,09984076	0,02439669	FALSE
Rv2249c	23	10	1,201633861	0,711494421	1,367854011	0,171358	0,23030532	0,05626682	FALSE
Rv2250A	11	2	2,459431619	1,969292179	2,105458637	0,035251	0,05649774	0,01379707	FALSE
Rv2250c	18	29	-0,688055994	-1,178195434	-2,780194711	0,005433	0,0104299	0,00254861	FALSE
Rv2251	14	12	0,222392421	-0,267747019	-0,475868675	0,634168	0,70573548	0,1724016	FALSE
Rv2252	20	10	1	0,50986056	0,946552441	0,343867	0,41792723	0,10212305	FALSE
Rv2254c	74	51	0,537028024	0,046888584	0,181437787	0,856024	0,88644221	0,2165029	FALSE
Rv2255c	21	20	0,070389328	-0,419750112	-0,938084978	0,348201	0,42306282	0,10337796	FALSE
Rv2257c	11	4	1,459431619	0,969292179	1,232394544	0,217802	0,28246954	0,06881664	FALSE
Rv2259	14	17	-0,280107919	-0,770247359	-1,493519448	0,135301	0,18749164	0,04581472	FALSE
Rv2261c	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv2262c	14	27	-0,94753258	-1,43767202	-3,129473413	0,001751	0,00369445	0,00090276	FALSE
Rv2265	10	3	1,736965594	1,246826154	1,440514091	0,149722	0,20428527	0,04986607	FALSE
Rv2266	157	138	0,186096292	-0,304043148	-1,821311784	0,068559	0,10261585	0,0250748	FALSE
Rv2267c	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv2268c	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv2269c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2270	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv2271	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv2272	23	7	1,716207034	1,226067594	2,15603544	0,031081	0,05046607	0,01232656	FALSE
Rv2274A	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2274c	7	8	-0,192645078	-0,682784518	-0,922068105	0,356493	0,43259956	0,10567548	FALSE

Rv2275		14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv2276		5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv2277c	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2278		41	40	0,03562391	-0,45451553	-1,42793699	0,15331	0,20830742	0,05090118	FALSE
Rv2280		86	33	1,381870635	0,891731195	3,213238795	0,001312	0,00280987	0,00068661	FALSE
Rv2281		40	49	-0,292781749	-0,782921189	-2,571777348	0,010118	0,01839385	0,00449465	FALSE
Rv2282c		16	25	-0,64385619	-1,13399563	-2,503601263	0,012294	0,02203659	0,00538354	FALSE
Rv2283		1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2284		38	49	-0,366782331	-0,856921771	-2,778988946	0,005453	0,01044559	0,00255182	FALSE
Rv2287		11	21	-0,932885804	-1,423025244	-2,738746948	0,006167	0,01170244	0,00285817	FALSE
Rv2288		27	9	1,584962501	1,094823061	2,133939061	0,032848	0,05300436	0,01294659	FALSE
Rv2290		27	31	-0,199308808	-0,689448248	-1,830738971	0,06714	0,10079962	0,024631	FALSE
Rv2291	148	153		-0,047934477	-0,538073917	-3,259014661	0,001118	0,00243762	0,00059565	FALSE
Rv2292c		1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv2294		12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv2300c		7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv2302		49	27	0,859822342	0,369682902	1,100693884	0,27103	0,34268149	0,08372274	FALSE
Rv2303c		24	14	0,777607579	0,287468139	0,607592576	0,543458	0,61962114	0,15140817	FALSE
Rv2304c		29	34	-0,229481846	-0,719621286	-1,990755357	0,046508	0,07215452	0,01762439	FALSE
Rv2306A		8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv2306B		3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv2307c		31	10	1,632268215	1,142128775	2,365881815	0,017987	0,03098366	0,00756437	FALSE
Rv2308		16	20	-0,321928095	-0,812067535	-1,6955763	0,089966	0,12970936	0,03168942	FALSE
Rv2309A		2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2309c		17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv2310	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2311	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2312		12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv2313c		37	25	0,565597176	0,075457736	0,20543922	0,837229	0,86974705	0,21252795	FALSE
Rv2315c		24	17	0,497499659	0,007360219	0,01633032	0,986971	0,99039477	0,24197786	FALSE
Rv2316		10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv2317		8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv2319c		12	1	3,584962501	3,094823061	2,843553417	0,004461	0,00875897	0,00213923	FALSE
Rv2320c		11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE
Rv2321c		8	19	-1,247927513	-1,738066953	-3,012743973	0,002589	0,00533365	0,00130297	FALSE
Rv2323c		9	11	-0,289506617	-0,779646057	-1,21405926	0,224725	0,28933449	0,07065404	FALSE
Rv2324		10	2	2,321928095	1,831788655	1,912333526	0,055833	0,08570343	0,02090413	FALSE

Rv2325c	16	15	0,093109404	-0,397030036	-0,771458612	0,440435	0,5160988	0,12609294	FALSE
Rv2326c	161	134	0,264827688	-0,225311752	-1,348250981	0,177578	0,23747973	0,05781885	FALSE
Rv2327	29	7	2,050626073	1,560486633	2,9078358	0,003639	0,00728065	0,00177725	FALSE
Rv2328	25	17	0,556393349	0,066253908	0,148507312	0,881942	0,90595426	0,22134629	FALSE
Rv2335	29	8	1,857980995	1,367841555	2,635385267	0,008404	0,01552061	0,00379166	FALSE
Rv2337c	48	22	1,125530882	0,635391442	1,788144326	0,073753	0,10971596	0,02680976	FALSE
Rv2339	83	91	-0,132755209	-0,622894649	-2,866934458	0,004145	0,00817838	0,00199844	FALSE
Rv2340c	53	33	0,683526335	0,193386895	0,617411239	0,536964	0,61382977	0,14999302	FALSE
Rv2341	7	0	3,807354922	3,317215482	2,239856154	0,0251	0,04146215	0,01011869	FALSE
Rv2342	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv2343c	39	48	-0,299560282	-0,789699722	-2,564420438	0,010335	0,0187622	0,0045799	FALSE
Rv2345	85	50	0,765534746	0,275395306	1,097781376	0,2723	0,34412018	0,08408785	FALSE
Rv2346c	47	53	-0,173331603	-0,663471043	-2,314033354	0,020666	0,03485975	0,00851819	FALSE
Rv2347c	34	13	1,387023123	0,896883683	2,030163436	0,04234	0,06642725	0,0162319	FALSE
Rv2349c	10	5	1	0,50986056	0,66930803	0,503299	0,57899031	0,14141729	FALSE
Rv2350c	7	5	0,485426827	-0,004712613	-0,005658617	0,995485	0,99612282	0,24331511	FALSE
Rv2351c	28	14	1	0,50986056	1,119983475	0,262721	0,33298434	0,08136674	FALSE
Rv2357c	65	31	1,068171503	0,578032063	1,911931424	0,055885	0,08564792	0,02090413	FALSE
Rv2358	103	42	1,294183104	0,804043664	3,219316343	0,001285	0,00275855	0,00067407	FALSE
Rv2359	21	10	1,070389328	0,580249888	1,090450187	0,275515	0,34694796	0,08471689	FALSE
Rv2365c	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2369c	70	56	0,321928095	-0,168211345	-0,65710922	0,511111	0,58685306	0,14340109	FALSE
Rv2370c	39	21	0,893084796	0,402945356	1,0641684	0,287252	0,36021859	0,08802159	FALSE
Rv2371	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv2375	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv2377c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2378c	9	0	4,169925001	3,679785561	2,645788974	0,00815	0,01509414	0,00368747	FALSE
Rv2379c	29	8	1,857980995	1,367841555	2,635385267	0,008404	0,01552061	0,00379166	FALSE
Rv2381c	5	11	-1,137503524	-1,627642964	-2,188175297	0,028657	0,04680257	0,01143171	FALSE
Rv2382c	20	11	0,862496476	0,372357036	0,70794799	0,478978	0,55419477	0,13542084	FALSE
Rv2384	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv2386c	85	35	1,280107919	0,789968479	2,880302523	0,003973	0,00789131	0,00192829	FALSE
Rv2387	34	18	0,91753784	0,4273984	1,049450538	0,293971	0,36466201	0,08902305	FALSE
Rv2388c	64	22	1,540568381	1,050428941	3,176619252	0,00149	0,00316914	0,0007744	FALSE
Rv2393	22	35	-0,669851398	-1,159990838	-3,016615931	0,002556	0,00527574	0,00128916	FALSE
Rv2394	56	42	0,415037499	-0,075101941	-0,258204597	0,796249	0,84173048	0,20568193	FALSE
Rv2397c	37	36	0,039528364	-0,450611076	-1,343925548	0,178972	0,23820296	0,05820633	FALSE

Rv2401	0	5	-3,321928095	-3,812067535	-2,366327617	0,017966	0,03101478	0,00756437	FALSE
Rv2401A	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2402	72	31	1,215728691	0,725589251	2,462165392	0,01381	0,02437994	0,0059553	FALSE
Rv2404c	91	55	0,726434927	0,236295487	0,981231324	0,326479	0,39965494	0,0976581	FALSE
Rv2407	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv2408	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv2412	17	20	-0,234465254	-0,724604694	-1,536062371	0,124523	0,17403817	0,04252728	FALSE
Rv2414c	36	49	-0,444784843	-0,934924283	-2,991239692	0,002778	0,00566872	0,00138519	FALSE
Rv2415c	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv2417c	15	13	0,206450877	-0,283688563	-0,523342675	0,600736	0,67672677	0,16532601	FALSE
Rv2418c	21	27	-0,362570079	-0,852709519	-2,054175879	0,039959	0,06332736	0,01547442	FALSE
Rv2419c	19	14	0,440572591	-0,049566849	-0,098820853	0,921281	0,93785203	0,22911009	FALSE
Rv2422	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2423	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv2424c	18	9	1	0,50986056	0,897976983	0,369198	0,44504321	0,10873222	FALSE
Rv2425c	49	52	-0,085729874	-0,575869314	-2,019892682	0,043395	0,06790447	0,01658954	FALSE
Rv2426c	25	16	0,64385619	0,15371675	0,339371192	0,73433	0,79236228	0,19318673	FALSE
Rv2427c	83	64	0,375039431	-0,115100009	-0,485127543	0,627586	0,70140894	0,17118513	FALSE
Rv2432c	9	20	-1,152003093	-1,642142533	-2,969370326	0,002984	0,00605505	0,0014792	FALSE
Rv2433c	0	7	-3,807354922	-4,297494362	-2,901761807	0,003711	0,00740813	0,00181022	FALSE
Rv2435c	23	25	-0,120294234	-0,610433674	-1,475693892	0,140026	0,19280743	0,04711366	FALSE
Rv2436	13	12	0,115477217	-0,374662223	-0,653666104	0,513327	0,58905134	0,14389597	FALSE
Rv2438A	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2439c	20	34	-0,765534746	-1,255674186	-3,165527654	0,001548	0,00328712	0,00080323	FALSE
Rv2442c	276	178	0,632791026	0,142651586	1,048700999	0,294316	0,36462659	0,08909871	FALSE
Rv2446c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv2450c	13	9	0,530514717	0,040375277	0,065553521	0,947733	0,95754166	0,23392057	FALSE
Rv2451	2	4	-1	-1,49013944	-1,237169867	0,216024	0,28100394	0,06859646	FALSE
Rv2454c	218	113	0,948005362	0,457865922	2,832249328	0,004622	0,00901129	0,00220196	FALSE
Rv2455c	725	466	0,63765104	0,1475116	1,756853672	0,078943	0,11615352	0,02838282	FALSE
Rv2456c	120	74	0,69743723	0,20729779	0,993516275	0,320458	0,39302454	0,09603792	FALSE
Rv2458	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv2460c	581	377	0,62397364	0,1338342	1,430100123	0,152688	0,20760716	0,05073006	FALSE
Rv2462c	355	198	0,842318594	0,352179154	2,831732805	0,00463	0,00901685	0,00220332	FALSE
Rv2465c	153	71	1,107640723	0,617501283	3,112486925	0,001855	0,00390644	0,0009543	FALSE
Rv2467	48	37	0,375509135	-0,114630305	-0,36737567	0,713339	0,7754978	0,18949758	FALSE
Rv2468c	15	7	1,099535674	0,609396234	0,963010104	0,335542	0,40946665	0,09996325	FALSE

Rv2469c	12	9	0,415037499	-0,075101941	-0,119520094	0,904863	0,92536108	0,22608797	FALSE
Rv2474c	9	12	-0,415037499	-0,905176939	-1,440533122	0,149717	0,20456383	0,04986607	FALSE
Rv2475c	38	25	0,604071324	0,113931884	0,312263011	0,754841	0,8073549	0,19727933	FALSE
Rv2476c	263	147	0,839246644	0,349107204	2,417168783	0,015642	0,02730491	0,00667212	FALSE
Rv2478c	58	19	1,610053482	1,119914042	3,185485833	0,001445	0,00308117	0,0007527	FALSE
Rv2479c	10	21	-1,070389328	-1,560528768	-2,932665602	0,003361	0,00675244	0,00164957	FALSE
Rv2480c	17	16	0,087462841	-0,402676599	-0,807301189	0,419493	0,49415387	0,12074949	FALSE
Rv2481c	4	4	0	-0,49013944	-0,483927361	0,628437	0,70115661	0,17118513	FALSE
Rv2482c	58	21	1,465663572	0,975524132	2,845091953	0,00444	0,00872554	0,00213214	FALSE
Rv2483c	90	74	0,282399731	-0,207739709	-0,926528189	0,354172	0,43004973	0,10508525	FALSE
Rv2485c	15	5	1,584962501	1,094823061	1,590531181	0,111715	0,15717801	0,03837283	FALSE
Rv2486	33	20	0,722466024	0,232326584	0,581335186	0,561015	0,63694197	0,15557396	FALSE
Rv2488c	93	67	0,473069621	-0,017069819	-0,074875122	0,940314	0,95349947	0,23299336	FALSE
Rv2489c	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2490c	24	10	1,263034406	0,772894966	1,501791864	0,133151	0,18477404	0,04515065	FALSE
Rv2491	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv2492	21	16	0,392317423	-0,097822017	-0,206756588	0,8362	0,86890922	0,21232322	FALSE
Rv2493	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2494	7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv2497c	1117	744	0,586254659	0,096115219	1,434160656	0,151526	0,20609916	0,05036158	FALSE
Rv2498c	72	64	0,169925001	-0,320214439	-1,302514323	0,192741	0,25479084	0,06225968	FALSE
Rv2499c	74	80	-0,112474729	-0,602614169	-2,609683972	0,009063	0,01654484	0,00404283	FALSE
Rv2506	18	10	0,847996907	0,357857467	0,647088374	0,517575	0,5930544	0,14491643	FALSE
Rv2509	14	5	1,485426827	0,995287387	1,421201948	0,155258	0,21011357	0,05129808	FALSE
Rv2513	63	43	0,551015169	0,060875729	0,216821197	0,828348	0,86212626	0,21066577	FALSE
Rv2520c	11	21	-0,932885804	-1,423025244	-2,738746948	0,006167	0,01170244	0,00285817	FALSE
Rv2521	44	55	-0,321928095	-0,812067535	-2,811899731	0,004925	0,00954445	0,00233224	FALSE
Rv2526	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv2528c	17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv2529	7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv2530c	6	6	0	-0,49013944	-0,592688961	0,553389	0,62956601	0,15381586	FALSE
Rv2531c	151	124	0,284208429	-0,205931011	-1,189379527	0,23429	0,29987015	0,07327509	FALSE
Rv2532c	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv2535c	33	19	0,796466606	0,306327166	0,75673493	0,449209	0,52535487	0,12837364	FALSE
Rv2537c	16	4	2	1,50986056	2,108212717	0,035013	0,05619572	0,01372612	FALSE
Rv2538c	40	13	1,621488377	1,131348937	2,667089798	0,007651	0,01427503	0,00348819	FALSE
Rv2539c	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE

Rv2540c	66	40	0,722466024	0,232326584	0,822157187	0,410987	0,48559938	0,11853923	FALSE
Rv2541	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv2543	10	0	4,321928095	3,831788655	2,828613894	0,004675	0,00909158	0,00221937	FALSE
Rv2544	8	1	3	2,50986056	2,083780734	0,03718	0,05934533	0,01449251	FALSE
Rv2545	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2546	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2547	8	1	3	2,50986056	2,083780734	0,03718	0,05934533	0,01449251	FALSE
Rv2548	37	45	-0,282399731	-0,772539171	-2,436259703	0,01484	0,02597503	0,00634716	FALSE
Rv2548A	163	95	0,778872546	0,288733106	1,590255984	0,111777	0,15706716	0,03838031	FALSE
Rv2551c	21	9	1,222392421	0,732252981	1,340331296	0,180138	0,23942735	0,05850552	FALSE
Rv2552c	70	33	1,084888898	0,594749458	2,035589989	0,041792	0,06576505	0,01606477	FALSE
Rv2553c	200	124	0,689659879	0,199520439	1,236260553	0,216362	0,28106871	0,06868084	FALSE
Rv2554c	60	46	0,38332864	-0,1068108	-0,382206443	0,702308	0,76478352	0,18687948	FALSE
Rv2557	153	132	0,212993723	-0,277145717	-1,631271627	0,102833	0,14618236	0,03572054	FALSE
Rv2558	568	473	0,264050746	-0,226088694	-2,542594821	0,011003	0,01985572	0,00485187	FALSE
Rv2561	30	43	-0,519374159	-1,009513599	-2,986803101	0,002819	0,00574264	0,00140325	FALSE
Rv2562	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv2563	10	9	0,152003093	-0,338136347	-0,51414527	0,60715	0,68208355	0,16667124	FALSE
Rv2564	8	11	-0,459431619	-0,949571059	-1,435758659	0,151071	0,20573055	0,05026274	FALSE
Rv2566	43	26	0,725825037	0,235685597	0,672804994	0,501071	0,57693754	0,1409574	FALSE
Rv2567	35	19	0,881355504	0,391216063	0,980762514	0,32671	0,39981261	0,09769663	FALSE
Rv2569c	18	3	2,584962501	2,094823061	2,803354658	0,005057	0,0097865	0,00239021	FALSE
Rv2571c	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv2572c	28	12	1,222392421	0,732252981	1,547689692	0,121697	0,17027119	0,04159189	FALSE
Rv2573	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2576c	93	55	0,757799098	0,267659658	1,117531267	0,263767	0,33420216	0,08166432	FALSE
Rv2577	11	8	0,459431619	-0,030707821	-0,046430459	0,962967	0,97092351	0,23718979	FALSE
Rv2578c	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv2579	24	17	0,497499659	0,007360219	0,01633032	0,986971	0,99039477	0,24197786	FALSE
Rv2581c	34	34	0	-0,49013944	-1,410928846	0,158266	0,21377625	0,05223752	FALSE
Rv2582	7	13	-0,893084796	-1,383224236	-2,109047331	0,03494	0,05614923	0,0137204	FALSE
Rv2585c	62	71	-0,195550809	-0,685690249	-2,757421587	0,005826	0,01109225	0,00271046	FALSE
Rv2587c	107	81	0,401616984	-0,088522457	-0,421693728	0,673249	0,73994813	0,1808108	FALSE
Rv2588c	18	24	-0,415037499	-0,905176939	-2,03724662	0,041625	0,06566226	0,01601735	FALSE
Rv2589	43	13	1,725825037	1,235685597	2,966207978	0,003015	0,00611131	0,00149295	FALSE
Rv2590	320	190	0,752072487	0,261933047	2,031055817	0,042249	0,0663651	0,01621671	FALSE
Rv2592c	9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE

Rv2593c	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2595		9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE
Rv2597		15	4	1,906890596	1,416751156	1,946542327	0,05159	0,07965896	0,01945745	FALSE
Rv2598		0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv2599		12	2	2,584962501	2,094823061	2,288922835	0,022084	0,03710731	0,00906739	FALSE
Rv2600		5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv2602		59	38	0,634715536	0,144576096	0,491143368	0,623325	0,69764526	0,17042084	FALSE
Rv2603c		67	37	0,856635825	0,366496385	1,2767121	0,201704	0,26515865	0,06478222	FALSE
Rv2604c		11	17	-0,628031223	-1,118170663	-2,041286749	0,041222	0,06513179	0,01591213	FALSE
Rv2605c		78	63	0,308122295	-0,182017145	-0,752377343	0,451824	0,5282555	0,12908243	FALSE
Rv2606c	100	101		-0,014355293	-0,504494733	-2,496992764	0,012525	0,02240528	0,00547486	FALSE
Rv2608		14	20	-0,514573173	-1,004712613	-2,028936526	0,042465	0,0665696	0,01626016	FALSE
Rv2610c		18	13	0,469485283	-0,020654157	-0,039879324	0,968189	0,97518167	0,23823009	FALSE
Rv2611c		12	9	0,415037499	-0,075101941	-0,119520094	0,904863	0,92536108	0,22608797	FALSE
Rv2612c		19	28	-0,559427409	-1,049566849	-2,488446894	0,01283	0,02293526	0,00560309	FALSE
Rv2614A	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2616		10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv2618		14	2	2,807354922	2,317215482	2,631401555	0,008503	0,01561513	0,00381296	FALSE
Rv2630		95	67	0,503766418	0,013626978	0,060092292	0,952082	0,9610652	0,23481174	FALSE
Rv2633c	104	112		-0,106915204	-0,597054644	-3,062393937	0,002196	0,00456813	0,00111625	FALSE
Rv2634c		46	27	0,768674454	0,278535014	0,81631324	0,414321	0,48828234	0,11929674	FALSE
Rv2635	NA	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2636		28	11	1,347923303	0,857783863	1,773997775	0,076064	0,11259592	0,02751349	FALSE
Rv2637		21	6	1,807354922	1,317215482	2,178631209	0,029359	0,04788939	0,01169718	FALSE
Rv2644c		1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE
Rv2646		9	16	-0,830074999	-1,320214439	-2,257718328	0,023963	0,03987064	0,00973848	FALSE
Rv2647		9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv2648		28	32	-0,192645078	-0,682784518	-1,844185376	0,065156	0,09793483	0,02393097	FALSE
Rv2652c		19	16	0,247927513	-0,242211927	-0,49928829	0,617576	0,69230242	0,169144	FALSE
Rv2653c		25	8	1,64385619	1,15371675	2,141866799	0,032204	0,05214904	0,01274029	FALSE
Rv2654c		0	3	NA	NA	NA	NA	NA	NA	FALSE
Rv2655c	116	67		0,791891805	0,301752365	1,39880707	0,161871	0,21819318	0,05331682	FALSE
Rv2664	153	71		1,107640723	0,617501283	3,112486925	0,001855	0,00390644	0,0009543	FALSE
Rv2665		77	63	0,289506617	-0,200632823	-0,826654803	0,408433	0,48287311	0,11799296	FALSE
Rv2666		50	39	0,358453971	-0,131685469	-0,432013931	0,665731	0,73478821	0,17954994	FALSE
Rv2667		85	34	1,321928095	0,831788655	3,010881395	0,002605	0,00536223	0,00131029	FALSE
Rv2668		47	17	1,46712601	0,97698657	2,564297067	0,010339	0,01875144	0,0045799	FALSE

Rv2673	87	36	1,273018494	0,782879054	2,891395126	0,003835	0,00763357	0,00186531	FALSE
Rv2674	97	53	0,871992388	0,381852948	1,596333022	0,110414	0,15582525	0,03807684	FALSE
Rv2675c	55	24	1,196397213	0,706257773	2,101618728	0,035587	0,05694162	0,01391118	FALSE
Rv2676c	93	66	0,494764692	0,004625252	0,020212078	0,983874	0,98792202	0,24140472	FALSE
Rv2677c	20	18	0,152003093	-0,338136347	-0,727119405	0,467153	0,54292611	0,13266728	FALSE
Rv2679	15	20	-0,415037499	-0,905176939	-1,859735564	0,062923	0,09494363	0,02320005	FALSE
Rv2680	9	16	-0,830074999	-1,320214439	-2,257718328	0,023963	0,03987064	0,00973848	FALSE
Rv2682c	183	182	0,007905198	-0,482234242	-3,216705278	0,001297	0,00278071	0,00067948	FALSE
Rv2683	18	6	1,584962501	1,094823061	1,742343196	0,081448	0,11881062	0,02902125	FALSE
Rv2684	41	13	1,657112286	1,166972846	2,76810735	0,005638	0,01077178	0,00263215	FALSE
Rv2685	30	24	0,321928095	-0,168211345	-0,430160685	0,667079	0,73585948	0,17981171	FALSE
Rv2686c	46	13	1,823122238	1,332982798	3,254175128	0,001137	0,00247332	0,00060387	FALSE
Rv2688c	160	150	0,093109404	-0,397030036	-2,439970363	0,014688	0,02574437	0,00629079	FALSE
Rv2690c	119	55	1,11345805	0,62331861	2,767946559	0,005641	0,01077182	0,00263216	FALSE
Rv2695	14	9	0,637429921	0,147290481	0,243613624	0,80753	0,84905895	0,20685444	FALSE
Rv2700	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv2701c	16	8	1	0,50986056	0,846619397	0,397207	0,47239059	0,11537879	FALSE
Rv2702	38	12	1,662965013	1,172825573	2,675556456	0,007461	0,01401317	0,00342256	FALSE
Rv2704	89	63	0,498453507	0,008314067	0,035519208	0,971666	0,97792646	0,23883947	FALSE
Rv2706c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2708c	42	23	0,868755467	0,378616027	1,042048117	0,297389	0,36820085	0,08997211	FALSE
Rv2709	75	27	1,473931188	0,983791748	3,258075242	0,001122	0,00244298	0,00059696	FALSE
Rv2715	68	26	1,387023123	0,896883683	2,871156349	0,00409	0,00808423	0,00197493	FALSE
Rv2716	32	13	1,299560282	0,809420842	1,804623893	0,071134	0,10606206	0,02590701	FALSE
Rv2719c	9	6	0,584962501	0,094823061	0,126895046	0,899023	0,92071509	0,2249823	FALSE
Rv2720	44	27	0,704544116	0,214404676	0,621419116	0,534324	0,61099116	0,14929939	FALSE
Rv2725c	55	24	1,196397213	0,706257773	2,101618728	0,035587	0,05694162	0,01391118	FALSE
Rv2726c	60	32	0,906890596	0,416751156	1,361924986	0,173222	0,23253015	0,05682015	FALSE
Rv2727c	16	15	0,093109404	-0,397030036	-0,771458612	0,440435	0,5160988	0,12609294	FALSE
Rv2729c	64	31	1,04580369	0,55566425	1,830835454	0,067125	0,10081675	0,024631	FALSE
Rv2730	28	6	2,222392421	1,732252981	3,078745508	0,002079	0,00433974	0,00106016	FALSE
Rv2735c	29	7	2,050626073	1,560486633	2,9078358	0,003639	0,00728065	0,00177725	FALSE
Rv2736c	8	10	-0,321928095	-0,812067535	-1,198940765	0,230551	0,29620055	0,07234269	FALSE
Rv2737A	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2737c	68	26	1,387023123	0,896883683	2,871156349	0,00409	0,00808423	0,00197493	FALSE
Rv2738c	0	3 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2739c	7	11	-0,652076697	-1,142216137	-1,670336483	0,094853	0,13592669	0,03321451	FALSE

Rv2740	8	20	-1,321928095	-1,812067535	-3,181554503	0,001465	0,00311904	0,00076216	FALSE
Rv2747	26	13	1	0,50986056	1,079241269	0,28048	0,35240513	0,08611232	FALSE
Rv2751	26	34	-0,387023123	-0,877162563	-2,361222739	0,018215	0,03131356	0,00764997	FALSE
Rv2752c	24	36	-0,584962501	-1,075101941	-2,877542255	0,004008	0,00795057	0,00194228	FALSE
Rv2754c	0	1	NA	NA	NA	NA	NA	NA	FALSE
Rv2755c	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv2756c	80	44	0,862496476	0,372357036	1,415970805	0,156784	0,21184835	0,05176643	FALSE
Rv2757c	9	1	3,169925001	2,679785561	2,291346064	0,021943	0,036919	0,0090175	FALSE
Rv2758c	8	9	-0,169925001	-0,660064441	-0,949188147	0,342525	0,41688011	0,10181958	FALSE
Rv2759c	11	6	0,874469118	0,384329678	0,540782419	0,588658	0,66446243	0,16234195	FALSE
Rv2761c	14	8	0,807354922	0,317215482	0,509439725	0,610444	0,68519229	0,16733468	FALSE
Rv2762c	2	3	-0,584962501	-1,075101941	-0,830648319	0,406172	0,48063726	0,11741104	FALSE
Rv2763c	60	39	0,621488377	0,131348937	0,451007686	0,651984	0,72104151	0,17619085	FALSE
Rv2765	10	16	-0,678071905	-1,168211345	-2,051097983	0,040257	0,06369739	0,01556484	FALSE
Rv2766c	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv2767c	15	2	2,906890596	2,416751156	2,792180836	0,005235	0,01009843	0,002467	FALSE
Rv2769c	17	4	2,087462841	1,597323401	2,264398215	0,02355	0,03928292	0,00958673	FALSE
Rv2770c	36	17	1,08246216	0,59232272	1,454412084	0,145832	0,19995587	0,04886043	FALSE
Rv2771c	17	5	1,765534746	1,275395306	1,911757353	0,055907	0,08559816	0,02090413	FALSE
Rv2772c	33	24	0,459431619	-0,030707821	-0,080421706	0,935902	0,95025917	0,23220158	FALSE
Rv2775	12	8	0,584962501	0,094823061	0,146526204	0,883506	0,90672561	0,22144749	FALSE
Rv2776c	65	74	-0,187085553	-0,677224993	-2,784411925	0,005362	0,0103003	0,00251694	FALSE
Rv2777c	197	178	0,146318388	-0,343821052	-2,323159802	0,020171	0,03412741	0,00833924	FALSE
Rv2779c	24	4	2,584962501	2,094823061	3,237044548	0,001208	0,00260782	0,00063657	FALSE
Rv2782c	65	38	0,77444403	0,28430086	0,989478842	0,322429	0,395131	0,0965375	FALSE
Rv2786c	77	40	0,944858446	0,454719006	1,672391215	0,094447	0,13544485	0,03309677	FALSE
Rv2787	26	38	-0,547487795	-1,037627235	-2,871939443	0,00408	0,0080724	0,00197204	FALSE
Rv2792c	52	56	-0,106915204	-0,597054644	-2,165300736	0,030365	0,04940584	0,01207261	FALSE
Rv2796c	4	2	1	0,50986056	0,423305433	0,672072	0,73990495	0,18064746	FALSE
Rv2797c	23	7	1,716207034	1,226067594	2,15603544	0,031081	0,05046607	0,01232656	FALSE
Rv2798c	19	33	-0,796466606	-1,286606046	-3,17836563	0,001481	0,00315183	0,00077017	FALSE
Rv2799	18	16	0,169925001	-0,320214439	-0,651217786	0,514906	0,59025615	0,14421149	FALSE
Rv2801c	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv2802c	14	9	0,637429921	0,147290481	0,243613624	0,80753	0,84905895	0,20685444	FALSE
Rv2803	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2804c	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2805	7	2	1,807354922	1,317215482	1,257822137	0,208456	0,27274955	0,06661452	FALSE

Rv2870c	48	15	1,678071905	1,187932465	3,037855994	0,002383	0,00493862	0,00120678	FALSE
Rv2871	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv2873	34	17	1	0,50986056	1,234167899	0,21714	0,28198638	0,06881664	FALSE
Rv2879c	492	385	0,35379987	-0,13633957	-1,404854724	0,160064	0,21613133	0,05280451	FALSE
Rv2880c	19	13	0,547487795	0,057348355	0,112235896	0,910636	0,93016872	0,22723291	FALSE
Rv2881c	17	18	-0,08246216	-0,5726016	-1,182280167	0,237095	0,30316117	0,07407927	FALSE
Rv2882c	43	42	0,033947332	-0,456192108	-1,468174209	0,142057	0,19532825	0,04772964	FALSE
Rv2884	49	63	-0,362570079	-0,852709519	-3,137923799	0,001701	0,00359736	0,00087904	FALSE
Rv2886c	42	15	1,485426827	0,995287387	2,461642897	0,01383	0,02438792	0,0059553	FALSE
Rv2891	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv2892c	41	48	-0,227410496	-0,717549936	-2,359444423	0,018302	0,03143636	0,00767998	FALSE
Rv2893	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv2894c	16	9	0,830074999	0,339935559	0,58132885	0,561019	0,63666916	0,15557396	FALSE
Rv2896c	20	32	-0,678071905	-1,168211345	-2,900734157	0,003723	0,00742488	0,00181431	FALSE
Rv2898c	16	12	0,415037499	-0,075101941	-0,138010485	0,890232	0,91266907	0,22301621	FALSE
Rv2899c	31	10	1,632268215	1,142128775	2,365881815	0,017987	0,03098366	0,00756437	FALSE
Rv2901c	63	53	0,249359469	-0,240779971	-0,903613548	0,3662	0,4419757	0,10798275	FALSE
Rv2902c	105	50	1,070389328	0,580249888	2,438488604	0,014749	0,02583277	0,00631098	FALSE
Rv2905	42	15	1,485426827	0,995287387	2,461642897	0,01383	0,02438792	0,0059553	FALSE
Rv2911	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv2915c	57	28	1,025535092	0,535395652	1,670637149	0,094793	0,13589138	0,03320588	FALSE
Rv2918c	133	106	0,327361981	-0,162777459	-0,875736301	0,381173	0,45771284	0,11164947	FALSE
Rv2921c	52	18	1,530514717	1,040375277	2,840882245	0,004499	0,0088061	0,00215075	FALSE
Rv2922A	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv2924c	19	13	0,547487795	0,057348355	0,112235896	0,910636	0,93016872	0,22723291	FALSE
Rv2925c	306	218	0,489203518	-0,000935922	-0,007427555	0,994074	0,99534818	0,24321935	FALSE
Rv2926c	273	210	0,378511623	-0,111627817	-0,852942789	0,393691	0,46985436	0,11481176	FALSE
Rv2928	19	6	1,662965013	1,172825573	1,891880126	0,058507	0,0891415	0,02177377	FALSE
Rv2929	11	14	-0,347923303	-0,838062743	-1,457443015	0,144994	0,19905153	0,0486309	FALSE
Rv2932	50	43	0,217591435	-0,272548005	-0,91623105	0,359546	0,43495231	0,10627832	FALSE
Rv2936	82	76	0,109624491	-0,380514949	-1,669159233	0,095086	0,13616067	0,03327168	FALSE
Rv2937	25	9	1,473931188	0,983791748	1,880983603	0,059974	0,09121677	0,02228503	FALSE
Rv2938	19	26	-0,452512205	-0,942651645	-2,193930664	0,02824	0,04623847	0,01129006	FALSE
Rv2939	34	25	0,443606651	-0,046532789	-0,124038731	0,901285	0,92278878	0,22548902	FALSE
Rv2942	136	131	0,05403984	-0,4360996	-2,487628682	0,01286	0,02297232	0,00561342	FALSE
Rv2943	25	33	-0,40053793	-0,89067737	-2,356552867	0,018445	0,03160573	0,00772305	FALSE
Rv2943A	5	14	-1,485426827	-1,975566267	-2,82097278	0,004788	0,00929017	0,00226954	FALSE

Rv2944	5	6	-0,263034406	-0,753173846	-0,870175473	0,384205	0,4594453	0,11225105	FALSE
Rv2945c	7	7	0	-0,49013944	-0,640178006	0,522057	0,5980147	0,14612851	FALSE
Rv2948c	78	91	-0,222392421	-0,712531861	-3,228941745	0,001242	0,00267471	0,00065358	FALSE
Rv2949c	129	87	0,56828376	0,07814432	0,397107203	0,691288	0,75446653	0,18435846	FALSE
Rv2950c	336	246	0,449802917	-0,040336523	-0,337748819	0,735552	0,7914942	0,19340639	FALSE
Rv2951c	31	39	-0,331205908	-0,821345349	-2,390995609	0,016803	0,02918806	0,00713228	FALSE
Rv2952	19	20	-0,074000581	-0,564140021	-1,229621171	0,218839	0,2823146	0,06898528	FALSE
Rv2953	14	8	0,807354922	0,317215482	0,509439725	0,610444	0,68519229	0,16733468	FALSE
Rv2954c	37	11	1,750021747	1,259882307	2,79362078	0,005212	0,01006103	0,00245847	FALSE
Rv2955c	12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv2956	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv2957	1	4	-2	-2,49013944	-1,73847386	0,082127	0,11955538	0,02919775	FALSE
Rv2959c	96	95	0,015106892	-0,475032548	-2,291921831	0,02191	0,03689485	0,00901548	FALSE
Rv2960c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv2961	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv2965c	12	13	-0,115477217	-0,605616657	-1,056607944	0,290691	0,36313071	0,08848889	FALSE
Rv2966c	1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE
Rv2968c	17	15	0,180572246	-0,309567194	-0,610698257	0,541399	0,6177252	0,15087876	FALSE
Rv2969c	43	44	-0,033166864	-0,523306304	-1,703872728	0,088405	0,127529	0,03116248	FALSE
Rv2970A	23	4	2,523561956	2,033422516	3,10890893	0,001878	0,00394979	0,0009649	FALSE
Rv2970c	75	60	0,321928095	-0,168211345	-0,680176275	0,496393	0,57197229	0,13976489	FALSE
Rv2971	36	19	0,921997488	0,431858048	1,090302479	0,27558	0,34680619	0,08471689	FALSE
Rv2972c	19	5	1,925999419	1,435859979	2,212974896	0,026899	0,04416316	0,01078927	FALSE
Rv2973c	22	17	0,371968777	-0,118170663	-0,256546453	0,797529	0,84274128	0,20590107	FALSE
Rv2974c	3	4	-0,415037499	-0,905176939	-0,831685343	0,405587	0,48052657	0,11734837	FALSE
Rv2975c	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv2976c	25	7	1,836501268	1,346361828	2,417444951	0,01563	0,02730251	0,00667004	FALSE
Rv2977c	28	12	1,222392421	0,732252981	1,547689692	0,121697	0,17027119	0,04159189	FALSE
Rv2978c	17	17	0	-0,49013944	-0,997657214	0,318446	0,39074001	0,09546469	FALSE
Rv2979c	18	5	1,847996907	1,357857467	2,064658238	0,038955	0,06181253	0,015092	FALSE
Rv2980	0	4 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2981c	23	5	2,201633861	1,711494421	2,766839373	0,00566	0,01079791	0,00263725	FALSE
Rv2982c	20	16	0,321928095	-0,168211345	-0,351220998	0,725423	0,78622678	0,19211927	FALSE
Rv2983	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv2984	100	60	0,736965594	0,246826154	1,072500266	0,283495	0,35573571	0,08692617	FALSE
Rv2985	26	33	-0,343954401	-0,834093841	-2,22859069	0,025841	0,04254203	0,0103954	FALSE
Rv2991	22	6	1,874469118	1,384329678	2,316420535	0,020535	0,03469194	0,00847169	FALSE

Rv2992c	25	20	0,321928095	-0,168211345	-0,392679099	0,694557	0,75729252	0,18502318	FALSE
Rv2993c	13	2	2,700439718	2,210300278	2,463914956	0,013743	0,02428322	0,00593107	FALSE
Rv2994	20	9	1,152003093	0,661863653	1,196801284	0,231384	0,29673386	0,07250871	FALSE
Rv2997	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv2998A	0	1 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv2999	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv3002c	57	64	-0,167109986	-0,657249426	-2,521758785	0,011677	0,02097451	0,00512525	FALSE
Rv3004	8	9	-0,169925001	-0,660064441	-0,949188147	0,342525	0,41688011	0,10181958	FALSE
Rv3006	89	42	1,083416008	0,593276568	2,290219044	0,022009	0,03699684	0,0090404	FALSE
Rv3012c	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3013	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv3014c	48	18	1,415037499	0,924898059	2,475517108	0,013304	0,0235884	0,00576266	FALSE
Rv3016	44	13	1,7589919	1,26885246	3,063380451	0,002189	0,00455795	0,00111376	FALSE
Rv3018A	20	5	2	1,50986056	2,357059072	0,01842	0,0315904	0,00771592	FALSE
Rv3018c	114	77	0,566103473	0,075964033	0,363022633	0,716588	0,77859656	0,19025478	FALSE
Rv3019c	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv3024c	32	42	-0,392317423	-0,882456863	-2,637792798	0,008345	0,0154291	0,0037702	FALSE
Rv3025c	43	46	-0,097297201	-0,587436641	-1,934055847	0,053106	0,08180669	0,01998996	FALSE
Rv3030	13	1	3,700439718	3,210300278	3,009274622	0,002619	0,00537933	0,00131309	FALSE
Rv3031	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv3032A	2	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3033	1	6	-2,584962501	-3,075101941	-2,375894006	0,017506	0,03034303	0,00741121	FALSE
Rv3035	17	13	0,387023123	-0,103116317	-0,196273468	0,844396	0,87649306	0,21417638	FALSE
Rv3039c	7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv3042c	37	49	-0,405256478	-0,895395919	-2,884463118	0,003921	0,00779175	0,00190396	FALSE
Rv3047c	82	39	1,072149786	0,582010346	2,160767079	0,030713	0,04995234	0,01220616	FALSE
Rv3048c	497	289	0,782176359	0,292036919	2,807859185	0,004987	0,00966023	0,00236054	FALSE
Rv3056	21	3	2,807354922	2,317215482	3,222805685	0,001269	0,00272966	0,00066664	FALSE
Rv3057c	62	55	0,172836597	-0,317302843	-1,197074404	0,231278	0,29669476	0,07249916	FALSE
Rv3064c	18	2	3,169925001	2,679785561	3,240464224	0,001193	0,00258246	0,00063051	FALSE
Rv3065	11	8	0,459431619	-0,030707821	-0,046430459	0,962967	0,97092351	0,23718979	FALSE
Rv3066	12	3	2	1,50986056	1,825761434	0,067886	0,10178369	0,02485715	FALSE
Rv3067	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv3069	15	5	1,584962501	1,094823061	1,590531181	0,111715	0,15717801	0,03837283	FALSE
Rv3070	29	24	0,273018494	-0,217120946	-0,550549163	0,581943	0,65831011	0,16086206	FALSE
Rv3071	10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv3073c	55	65	-0,2410081	-0,73114754	-2,791151054	0,005252	0,01012062	0,00247242	FALSE

Rv3075c	72	28	1,362570079	0,872430639	2,886058746	0,003901	0,0077563	0,0018953	FALSE
Rv3076	46	57	-0,309328058	-0,799467498	-2,824319745	0,004738	0,00920055	0,00224821	FALSE
Rv3081	166	82	1,017487427	0,527347987	2,812330931	0,004918	0,0095364	0,00233028	FALSE
Rv3083	25	5	2,321928095	1,831788655	3,023688881	0,002497	0,00515942	0,00126073	FALSE
Rv3084	1	2	-1	-1,49013944	-0,874809733	0,381677	0,45754425	0,11164947	FALSE
Rv3085	2	5	-1,321928095	-1,812067535	-1,59075933	0,111664	0,15738926	0,03837283	FALSE
Rv3087	30	8	1,906890596	1,416751156	2,75285188	0,005908	0,01123458	0,00274457	FALSE
Rv3088	14	7	1	0,50986056	0,7919386	0,428396	0,50410976	0,12312662	FALSE
Rv3090	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv3091	47	17	1,46712601	0,97698657	2,564297067	0,010339	0,01875144	0,0045799	FALSE
Rv3092c	137	96	0,513069582	0,022930142	0,121238992	0,903502	0,92457398	0,22591092	FALSE
Rv3093c	66	57	0,211504105	-0,278635335	-1,077335549	0,28133	0,35324603	0,0863178	FALSE
Rv3096	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv3098c	174	171	0,025090981	-0,465048459	-3,015796231	0,002563	0,00528723	0,00129197	FALSE
Rv3100c	22	8	1,459431619	0,969292179	1,742882808	0,081354	0,11876176	0,02902015	FALSE
Rv3101c	46	37	0,31410859	-0,17603085	-0,558185332	0,576718	0,65296699	0,15955643	FALSE
Rv3102c	34	15	1,180572246	0,690432806	1,619772712	0,105281	0,14949918	0,03653103	FALSE
Rv3103c	6	1	2,584962501	2,094823061	1,61850815	0,105553	0,14972211	0,03655894	FALSE
Rv3106	29	16	0,857980995	0,367841555	0,842810355	0,399335	0,47448693	0,11592611	FALSE
Rv3107c	25	21	0,251538767	-0,238600673	-0,563834669	0,572867	0,64954828	0,15859348	FALSE
Rv3108	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3109	12	0	4,584962501	4,094823061	3,163753838	0,001557	0,00330363	0,00080682	FALSE
Rv3110	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3111	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3112	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv3113	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv3114	3	2	0,584962501	0,094823061	0,073262463	0,941597	0,95430504	0,2331297	FALSE
Rv3121	46	41	0,166009951	-0,324129489	-1,054520028	0,291645	0,36397358	0,08848889	FALSE
Rv3125c	23	33	-0,520832163	-1,010971603	-2,619642805	0,008802	0,01611843	0,00393771	FALSE
Rv3126c	14	26	-0,893084796	-1,383224236	-2,982677128	0,002857	0,00581758	0,00142156	FALSE
Rv3129	9	1	3,169925001	2,679785561	2,291346064	0,021943	0,036919	0,0090175	FALSE
Rv3136A	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv3141	55	26	1,080919995	0,590780555	1,793528052	0,072889	0,10847169	0,02650571	FALSE
Rv3142c	47	17	1,46712601	0,97698657	2,564297067	0,010339	0,01875144	0,0045799	FALSE
Rv3143	11	1	3,459431619	2,969292179	2,669508357	0,007596	0,01423725	0,00347479	FALSE
Rv3144c	35	12	1,544320516	1,054181076	2,355952752	0,018475	0,03162907	0,00772537	FALSE
Rv3145	38	30	0,341036918	-0,149102522	-0,427717564	0,668857	0,73740419	0,18018917	FALSE

Rv3146	40	34	0,234465254	-0,255674186	-0,766512247	0,443372	0,51930593	0,12689555	FALSE
Rv3147	17	15	0,180572246	-0,309567194	-0,610698257	0,541399	0,6177252	0,15087876	FALSE
Rv3148	23	18	0,353636955	-0,136502485	-0,303969218	0,761151	0,81299125	0,19865933	FALSE
Rv3149	4	7	-0,807354922	-1,297494362	-1,473418725	0,140638	0,19351375	0,0472696	FALSE
Rv3151	28	26	0,106915204	-0,383224236	-0,982716382	0,325747	0,39888436	0,09746981	FALSE
Rv3152	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv3153	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv3154	20	14	0,514573173	0,024433733	0,049341963	0,960647	0,96908439	0,23680163	FALSE
Rv3156	35	39	-0,156119202	-0,646258642	-1,93926451	0,052469	0,08088906	0,01976573	FALSE
Rv3157	22	18	0,289506617	-0,200632823	-0,441839472	0,658605	0,72774589	0,17782911	FALSE
Rv3162c	22	4	2,459431619	1,969292179	2,977584745	0,002905	0,00590433	0,00144238	FALSE
Rv3163c	21	15	0,485426827	-0,004712613	-0,00980115	0,99218	0,99421675	0,24288055	FALSE
Rv3164c	31	20	0,632268215	0,142128775	0,350123489	0,726246	0,78690087	0,19228399	FALSE
Rv3165c	16	25	-0,64385619	-1,13399563	-2,503601263	0,012294	0,02203659	0,00538354	FALSE
Rv3170	27	11	1,295455884	0,805316443	1,65041452	0,098858	0,14112272	0,03447789	FALSE
Rv3178	1	0 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3179	59	21	1,490325627	1,000186187	2,929512135	0,003395	0,00681607	0,00166555	FALSE
Rv3180c	27	7	1,94753258	1,45739314	2,667643133	0,007639	0,01427541	0,00348578	FALSE
Rv3182	22	12	0,874469118	0,384329678	0,76478921	0,444397	0,51996122	0,12703664	FALSE
Rv3183	9	16	-0,830074999	-1,320214439	-2,257718328	0,023963	0,03987064	0,00973848	FALSE
Rv3184	38	41	-0,109624491	-0,599763931	-1,860248803	0,06285	0,09490741	0,0231912	FALSE
Rv3186	31	34	-0,133266531	-0,623405971	-1,753582984	0,079502	0,11649353	0,0284659	FALSE
Rv3190A	10	13	-0,378511623	-0,868651063	-1,447989933	0,14762	0,20201702	0,04935543	FALSE
Rv3191c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv3192	1	6	-2,584962501	-3,075101941	-2,375894006	0,017506	0,03034303	0,00741121	FALSE
Rv3193c	139	83	0,743901641	0,253762201	1,298476295	0,194124	0,25644557	0,06266403	FALSE
Rv3194c	42	27	0,637429921	0,147290481	0,421962424	0,673052	0,74004499	0,18080902	FALSE
Rv3195	48	35	0,455679484	-0,034459956	-0,108915992	0,913269	0,93237018	0,22783029	FALSE
Rv3196	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv3196A	2	3	-0,584962501	-1,075101941	-0,830648319	0,406172	0,48063726	0,11741104	FALSE
Rv3197	208	145	0,520530628	0,030391188	0,197753219	0,843238	0,87552379	0,21393953	FALSE
Rv3197A	7	6	0,222392421	-0,267747019	-0,336487378	0,736503	0,79208087	0,19349646	FALSE
Rv3198A	13	6	1,115477217	0,625337777	0,917426625	0,358919	0,434733	0,10616378	FALSE
Rv3199c	17	11	0,628031223	0,137891783	0,251729613	0,80125	0,846101	0,20674392	FALSE
Rv3202c	112	58	0,949373927	0,459234487	2,035476239	0,041803	0,0657433	0,01606477	FALSE
Rv3204	51	36	0,502500341	0,0123609	0,039945591	0,968137	0,97563175	0,23823009	FALSE
Rv3209	27	21	0,362570079	-0,127569361	-0,307314387	0,758604	0,810714	0,19809688	FALSE

Rv3210c	26	6	2,115477217	1,625337777	2,835696123	0,004573	0,00892353	0,00217943	FALSE
Rv3213c	70	54	0,374395515	-0,115743925	-0,448055007	0,654113	0,72319174	0,17671628	FALSE
Rv3214	19	8	1,247927513	0,757788073	1,313540566	0,189001	0,25044057	0,06117591	FALSE
Rv3215	10	13	-0,378511623	-0,868651063	-1,447989933	0,14762	0,20201702	0,04935543	FALSE
Rv3217c	33	16	1,044394119	0,554254679	1,311620417	0,189648	0,25112797	0,06136464	FALSE
Rv3218	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv3224	14	20	-0,514573173	-1,004712613	-2,028936526	0,042465	0,0665696	0,01626016	FALSE
Rv3224A	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv3224B	1	4	-2	-2,49013944	-1,73847386	0,082127	0,11955538	0,02919775	FALSE
Rv3225c	80	48	0,736965594	0,246826154	0,959255751	0,33743	0,41125588	0,10049286	FALSE
Rv3226c	46	16	1,523561956	1,033422516	2,657295386	0,007877	0,01466151	0,00358263	FALSE
Rv3229c	932	561	0,732329184	0,242189744	3,217748808	0,001292	0,00277214	0,00067739	FALSE
Rv3232c	51	49	0,057715498	-0,432423942	-1,509404174	0,131196	0,18219009	0,04451925	FALSE
Rv3235	3	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3237c	38	11	1,788495895	1,298356455	2,898191142	0,003753	0,00748153	0,00182816	FALSE
Rv3238c	26	26	0	-0,49013944	-1,233809762	0,217274	0,28206589	0,06881664	FALSE
Rv3241c	148	137	0,111421283	-0,378718157	-2,231329023	0,025659	0,04227837	0,01033098	FALSE
Rv3242c	13	7	0,893084796	0,402945356	0,614383992	0,538962	0,61557329	0,15037508	FALSE
Rv3243c	71	53	0,421826665	-0,068312775	-0,264146943	0,791667	0,83961391	0,20496008	FALSE
Rv3244c	69	66	0,064130337	-0,426009103	-1,727748041	0,084033	0,12212521	0,02984203	FALSE
Rv3246c	174	85	1,03355256	0,54341312	2,958784665	0,003089	0,00625235	0,0015278	FALSE
Rv3253c	14	3	2,222392421	1,732252981	2,176985072	0,029482	0,04803921	0,01173622	FALSE
Rv3254	112	75	0,578536232	0,088396792	0,417813111	0,676084	0,74077079	0,1809877	FALSE
Rv3255c	40	16	1,321928095	0,831788655	2,065377787	0,038887	0,06181754	0,015092	FALSE
Rv3256c	26	10	1,378511623	0,888372183	1,761063731	0,078228	0,11560221	0,02824276	FALSE
Rv3259	5	0	3,321928095	2,831788655	1,757822924	0,078778	0,11610745	0,02833413	FALSE
Rv3261	26	40	-0,621488377	-1,111627817	-3,116469216	0,00183	0,00385718	0,00094252	FALSE
Rv3262	11	16	-0,540568381	-1,030707821	-1,853314183	0,063837	0,09613761	0,02348042	FALSE
Rv3263	11	2	2,459431619	1,969292179	2,105458637	0,035251	0,05649774	0,01379707	FALSE
Rv3265c	56	27	1,05246742	0,56232798	1,731115975	0,083431	0,12134018	0,02965021	FALSE
Rv3269	57	29	0,974909019	0,484769579	1,525994644	0,127011	0,17713526	0,04328407	FALSE
Rv3270	144	72	1	0,50986056	2,540131223	0,011081	0,01997768	0,00488167	FALSE
Rv3271c	47	23	1,031026896	0,540887456	1,531118339	0,12574	0,17564489	0,04288732	FALSE
Rv3275c	14	12	0,222392421	-0,267747019	-0,475868675	0,634168	0,70573548	0,1724016	FALSE
Rv3276c	29	6	2,273018494	1,782879054	3,196645425	0,00139	0,00297173	0,00072616	FALSE
Rv3277	20	5	2	1,50986056	2,357059072	0,01842	0,0315904	0,00771592	FALSE
Rv3278c	6	7	-0,222392421	-0,712531861	-0,895464602	0,370539	0,44617759	0,108959	FALSE

Rv3279c	54	22	1,295455884	0,805316443	2,334086367	0,019591	0,0331831	0,00810673	FALSE
Rv3280	49	37	0,405256478	-0,084882962	-0,273445262	0,784511	0,83270327	0,20347608	FALSE
Rv3281	4	9	-1,169925001	-1,660064441	-2,007391752	0,044708	0,06956948	0,01699634	FALSE
Rv3282	31	24	0,36923381	-0,12090563	-0,311732653	0,755244	0,80734374	0,19727933	FALSE
Rv3284	45	15	1,584962501	1,094823061	2,754937481	0,00587	0,01117137	0,00272979	FALSE
Rv3285	115	58	0,987509056	0,497369616	2,219122622	0,026478	0,04351771	0,01063382	FALSE
Rv3286c	93	48	0,95419631	0,46405687	1,872686939	0,061112	0,09282027	0,02268119	FALSE
Rv3287c	150	82	0,871266686	0,381127246	1,981672791	0,047516	0,07363075	0,01799212	FALSE
Rv3291c	12	13	-0,115477217	-0,605616657	-1,056607944	0,290691	0,36313071	0,08848889	FALSE
Rv3292	10	2	2,321928095	1,831788655	1,912333526	0,055833	0,08570343	0,02090413	FALSE
Rv3293	15	4	1,906890596	1,416751156	1,946542327	0,05159	0,07965896	0,01945745	FALSE
Rv3294c	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv3297	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv3298c	30	40	-0,415037499	-0,905176939	-2,630117356	0,008536	0,01565584	0,0038256	FALSE
Rv3299c	92	36	1,353636955	0,863497515	3,234013468	0,001221	0,00262912	0,00064244	FALSE
Rv3302c	67	70	-0,063193826	-0,553333267	-2,260704409	0,023778	0,03959548	0,00967539	FALSE
Rv3303c	23	14	0,716207034	0,226067594	0,472759215	0,636385	0,70739634	0,17280738	FALSE
Rv3304	7	3	1,222392421	0,732252981	0,773832213	0,43903	0,5153802	0,1258039	FALSE
Rv3305c	14	15	-0,099535674	-0,589675114	-1,108162795	0,267792	0,33891618	0,0828028	FALSE
Rv3306c	10	8	0,321928095	-0,168211345	-0,248348112	0,803865	0,84760176	0,20685444	FALSE
Rv3307	25	8	1,64385619	1,15371675	2,141866799	0,032204	0,05214904	0,01274029	FALSE
Rv3308	8	5	0,678071905	0,187932465	0,233318158	0,815514	0,85081047	0,20778966	FALSE
Rv3310	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv3311	26	25	0,056583528	-0,433555912	-1,080724679	0,27982	0,3516883	0,08593716	FALSE
Rv3313c	8	7	0,192645078	-0,297494362	-0,401752025	0,687867	0,751467	0,18359983	FALSE
Rv3315c	8	2	2	1,50986056	1,490724428	0,136034	0,18800645	0,04583507	FALSE
Rv3317	10	1	3,321928095	2,831788655	2,485941687	0,012921	0,02302358	0,00561698	FALSE
Rv3319	12	17	-0,502500341	-0,992639781	-1,851974713	0,064029	0,09629695	0,02352621	FALSE
Rv3320c	13	1	3,700439718	3,210300278	3,009274622	0,002619	0,00537933	0,00131309	FALSE
Rv3321c	8	0	4	3,50986056	2,450385202	0,01427	0,02506779	0,00612271	FALSE
Rv3322c	12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv3324c	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv3325	27	33	-0,289506617	-0,779646057	-2,102862015	0,035478	0,05680235	0,01388	FALSE
Rv3327	26	28	-0,106915204	-0,597054644	-1,531049773	0,125757	0,17554296	0,04288732	FALSE
Rv3328c	26	38	-0,547487795	-1,037627235	-2,871939443	0,00408	0,0080724	0,00197204	FALSE
Rv3329	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv3330	13	1	3,700439718	3,210300278	3,009274622	0,002619	0,00537933	0,00131309	FALSE

Rv3331	49	38	0,366782331	-0,123357109	-0,400045903	0,689123	0,75231316	0,18383227	FALSE
Rv3332	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv3335c	29	16	0,857980995	0,367841555	0,842810355	0,399335	0,47448693	0,11592611	FALSE
Rv3336c	17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv3337	101	76	0,410283969	-0,079855471	-0,369030339	0,712105	0,77458787	0,18927523	FALSE
Rv3344c	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv3345c	12	5	1,263034406	0,772894966	1,061917443	0,288273	0,36091911	0,08810802	FALSE
Rv3346c	1	4	-2	-2,49013944	-1,73847386	0,082127	0,11955538	0,02919775	FALSE
Rv3348	40	14	1,514573173	1,024433733	2,460206437	0,013886	0,02444712	0,0059738	FALSE
Rv3349c	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv3350c	347	187	0,891897393	0,401757953	3,166409875	0,001543	0,00327895	0,00080123	FALSE
Rv3351c	21	6	1,807354922	1,317215482	2,178631209	0,029359	0,04788939	0,01169718	FALSE
Rv3353c	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv3355c	22	5	2,137503524	1,647364084	2,633732374	0,008445	0,01556324	0,0037976	FALSE
Rv3356c	15	11	0,447458977	-0,042680463	-0,075515343	0,939805	0,953602	0,23292763	FALSE
Rv3358	5	1	2,321928095	1,831788655	1,352220414	0,176305	0,23614142	0,0576334	FALSE
Rv3359	11	1	3,459431619	2,969292179	2,669508357	0,007596	0,01423725	0,00347479	FALSE
Rv3361c	0	2 NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3362c	17	5	1,765534746	1,275395306	1,911757353	0,055907	0,08559816	0,02090413	FALSE
Rv3363c	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv3364c	16	10	0,678071905	0,187932465	0,329964181	0,741427	0,79551382	0,19430853	FALSE
Rv3366	NA	NA	NA	NA	NA	NA	NA	NA	FALSE
Rv3367	39	12	1,700439718	1,210300278	2,779036316	0,005452	0,01045689	0,00255182	FALSE
Rv3368c	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv3369	27	40	-0,567040593	-1,057180033	-2,991922284	0,002772	0,00565902	0,00138282	FALSE
Rv3375	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv3377c	27	16	0,754887502	0,264748062	0,595858192	0,55127	0,62742909	0,15331609	FALSE
Rv3378c	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv3379c	80	31	1,367731785	0,877592344	3,05745377	0,002232	0,00463669	0,001133	FALSE
Rv3380c	11	21	-0,932885804	-1,423025244	-2,738746948	0,006167	0,01170244	0,00285817	FALSE
Rv3381c	9	14	-0,637429921	-1,127569361	-1,864962744	0,062187	0,09423313	0,02302644	FALSE
Rv3382c	77	84	-0,125530882	-0,615670322	-2,725904715	0,006413	0,01215583	0,00297035	FALSE
Rv3383c	253	215	0,234800725	-0,255338715	-1,92555175	0,05416	0,08333185	0,02036264	FALSE
Rv3386	14	9	0,637429921	0,147290481	0,243613624	0,80753	0,84905895	0,20685444	FALSE
Rv3387	8	8	0	-0,49013944	-0,684379888	0,493735	0,56958239	0,1391398	FALSE
Rv3388	4	7	-0,807354922	-1,297494362	-1,473418725	0,140638	0,19351375	0,0472696	FALSE
Rv3390	9	11	-0,289506617	-0,779646057	-1,21405926	0,224725	0,28933449	0,07065404	FALSE

Rv3391	48	18	1,415037499	0,924898059	2,475517108	0,013304	0,0235884	0,00576266	FALSE
Rv3393	9	19	-1,078002512	-1,568141952	-2,799430009	0,005119	0,00988666	0,00241587	FALSE
Rv3394c	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv3395A	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3397c	16	16	0	-0,49013944	-0,967868514	0,33311	0,40694344	0,09942354	FALSE
Rv3398c	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv3400	28	16	0,807354922	0,317215482	0,720465623	0,471238	0,54742995	0,13374793	FALSE
Rv3401	19	15	0,341036918	-0,149102522	-0,302435927	0,76232	0,81390532	0,19872219	FALSE
Rv3409c	53	28	0,920565533	0,430426092	1,318880363	0,187209	0,24823483	0,06065768	FALSE
Rv3412	179	114	0,650925763	0,160786323	0,948835064	0,342705	0,41677393	0,10184123	FALSE
Rv3413c	24	33	-0,459431619	-0,949571059	-2,486862352	0,012888	0,02301133	0,00561698	FALSE
Rv3415c	16	7	1,192645078	0,702505638	1,128205588	0,259233	0,32904446	0,08036482	FALSE
Rv3416	37	39	-0,075948853	-0,566088293	-1,722458697	0,084986	0,12341842	0,03015804	FALSE
Rv3419c	35	47	-0,425305835	-0,915445275	-2,878215114	0,003999	0,00793968	0,00194011	FALSE
Rv3420c	25	17	0,556393349	0,066253908	0,148507312	0,881942	0,90595426	0,22134629	FALSE
Rv3421c	8	5	0,678071905	0,187932465	0,233318158	0,815514	0,85081047	0,20778966	FALSE
Rv3422c	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv3424c	23	11	1,064130337	0,573990897	1,130112835	0,258429	0,32850391	0,08021969	FALSE
Rv3429	139	95	0,549085464	0,058946024	0,311980076	0,755056	0,80736374	0,19727933	FALSE
Rv3430c	44	16	1,459431619	0,969292179	2,464847336	0,013707	0,02424755	0,00592369	FALSE
Rv3431c	5	5	0	-0,49013944	-0,54104788	0,588475	0,66483241	0,16234195	FALSE
Rv3433c	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv3435c	21	15	0,485426827	-0,004712613	-0,00980115	0,99218	0,99421675	0,24288055	FALSE
Rv3436c	95	91	0,062060968	-0,428078472	-2,037938443	0,041556	0,06559278	0,01601735	FALSE
Rv3441c	37	24	0,624490865	0,134351425	0,362067343	0,717302	0,77915526	0,1903913	FALSE
Rv3442c	33	34	-0,043068722	-0,533208162	-1,523493996	0,127635	0,17781495	0,04345016	FALSE
Rv3443c	15	14	0,099535674	-0,390603766	-0,734052619	0,462917	0,54057703	0,13205378	FALSE
Rv3444c	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv3446c	4	9	-1,169925001	-1,660064441	-2,007391752	0,044708	0,06956948	0,01699634	FALSE
Rv3447c	28	35	-0,321928095	-0,812067535	-2,243072347	0,024892	0,04118807	0,01006455	FALSE
Rv3448	7	8	-0,192645078	-0,682784518	-0,922068105	0,356493	0,43259956	0,10567548	FALSE
Rv3449	3	6	-1	-1,49013944	-1,515219994	0,129717	0,18039306	0,04403309	FALSE
Rv3451	50	21	1,251538767	0,761399327	2,139710382	0,032378	0,05233311	0,01278791	FALSE
Rv3452	7	4	0,807354922	0,317215482	0,360226021	0,718678	0,78010787	0,19054463	FALSE
Rv3453	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv3455c	80	34	1,234465254	0,744325814	2,653754073	0,00796	0,01476699	0,0036084	FALSE
Rv3460c	650	530	0,294447358	-0,195692082	-2,342081129	0,019177	0,03254429	0,00795239	FALSE

Rv3462c	578	450	0,361144491	-0,128994949	-1,438962368	0,150161	0,20459854	0,04999489	FALSE
Rv3466	53	31	0,773724144	0,283584704	0,891336245	0,372749	0,44828583	0,10954135	FALSE
Rv3467	19	9	1,078002512	0,587863072	1,049446782	0,293973	0,36443262	0,08902305	FALSE
Rv3469c	20	7	1,514573173	1,024433733	1,739604211	0,081929	0,11937722	0,02917055	FALSE
Rv3470c	23	14	0,716207034	0,226067594	0,472759215	0,636385	0,70739634	0,17280738	FALSE
Rv3471c	14	2	2,807354922	2,317215482	2,631401555	0,008503	0,01561513	0,00381296	FALSE
Rv3473c	0	5	-3,321928095	-3,812067535	-2,366327617	0,017966	0,03101478	0,00756437	FALSE
Rv3474	24	36	-0,584962501	-1,075101941	-2,877542255	0,004008	0,00795057	0,00194228	FALSE
Rv3481c	31	14	1,146841388	0,656701948	1,479721384	0,138948	0,19138993	0,04676729	FALSE
Rv3482c	13	9	0,530514717	0,040375277	0,065553521	0,947733	0,95754166	0,23392057	FALSE
Rv3484	59	63	-0,094636874	-0,584776314	-2,254227932	0,024182	0,040183	0,00981896	FALSE
Rv3486	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv3488	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3489	42	27	0,637429921	0,147290481	0,421962424	0,673052	0,74004499	0,18080902	FALSE
Rv3490	174	151	0,204538757	-0,285600684	-1,795365478	0,072595	0,10807678	0,02640921	FALSE
Rv3492c	2	9	-2,169925001	-2,660064441	-2,704836017	0,006834	0,01292302	0,00315782	FALSE
Rv3493c	5	5	0	-0,49013944	-0,54104788	0,588475	0,66483241	0,16234195	FALSE
Rv3494c	14	9	0,637429921	0,147290481	0,243613624	0,80753	0,84905895	0,20685444	FALSE
Rv3495c	20	13	0,621488377	0,131348937	0,260379437	0,794571	0,84018417	0,20530409	FALSE
Rv3496c	13	15	-0,206450877	-0,696590318	-1,285055122	0,198773	0,26192295	0,06394851	FALSE
Rv3497c	9	3	1,584962501	1,094823061	1,232015087	0,217943	0,28199774	0,06881664	FALSE
Rv3498c	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv3499c	28	21	0,415037499	-0,075101941	-0,182572964	0,855133	0,88587207	0,21643949	FALSE
Rv3500c	26	19	0,452512205	-0,037627235	-0,087573756	0,930215	0,94497695	0,23091083	FALSE
Rv3506	52	58	-0,157541277	-0,647680717	-2,369603018	0,017807	0,03080952	0,00752849	FALSE
Rv3508	13	22	-0,7589919	-1,249131341	-2,535927327	0,011215	0,02020045	0,0049361	FALSE
Rv3509c	36	14	1,362570079	0,872430639	2,040697302	0,041281	0,0651848	0,0159283	FALSE
Rv3510c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv3511	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3512	5	2	1,321928095	0,831788655	0,730202124	0,465267	0,54186288	0,13217096	FALSE
Rv3514	23	19	0,275634443	-0,214504997	-0,484169049	0,628266	0,70186764	0,17118513	FALSE
Rv3522	11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE
Rv3523	222	159	0,481532911	-0,008606529	-0,058249331	0,95355	0,96217386	0,235113	FALSE
Rv3524	199	165	0,270302406	-0,219837034	-1,461191206	0,143963	0,19780979	0,04833602	FALSE
Rv3525c	16	2	3	2,50986056	2,946920872	0,00321	0,00647214	0,00157947	FALSE
Rv3527	107	48	1,156504486	0,666365046	2,785055749	0,005352	0,01029253	0,00251442	FALSE
Rv3528c	45	16	1,491853096	1,001713656	2,561645485	0,010418	0,0188689	0,00461022	FALSE

Rv3532	27	9	1,584962501	1,094823061	2,133939061	0,032848	0,05300436	0,01294659	FALSE
Rv3539	69	27	1,353636955	0,863497515	2,800689964	0,005099	0,0098579	0,00240884	FALSE
Rv3540c	10	17	-0,765534746	-1,255674186	-2,238331413	0,025199	0,04154691	0,0101501	FALSE
Rv3541c	11	3	1,874469118	1,384329678	1,637945495	0,101433	0,14445518	0,03525992	FALSE
Rv3548c	43	26	0,725825037	0,235685597	0,672804994	0,501071	0,57693754	0,1409574	FALSE
Rv3549c	45	32	0,491853096	0,001713656	0,005211496	0,995842	0,99584185	0,24333998	FALSE
Rv3550	10	0	4,321928095	3,831788655	2,828613894	0,004675	0,00909158	0,00221937	FALSE
Rv3551	6	6	0	-0,49013944	-0,592688961	0,553389	0,62956601	0,15381586	FALSE
Rv3552	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv3553	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv3554	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv3555c	14	7	1	0,50986056	0,7919386	0,428396	0,50410976	0,12312662	FALSE
Rv3557c	32	10	1,678071905	1,187932465	2,480372686	0,013125	0,02330131	0,00569252	FALSE
Rv3558	38	15	1,341036918	0,850897478	2,052516854	0,040119	0,06354349	0,01552409	FALSE
Rv3559c	16	4	2	1,50986056	2,108212717	0,035013	0,05619572	0,01372612	FALSE
Rv3561	1	1	0	-0,49013944	-0,241962819	0,808809	0,84800619	0,20685444	FALSE
Rv3563	8	4	1	0,50986056	0,598646295	0,549409	0,62576674	0,15284302	FALSE
Rv3564	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv3565	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv3566c	13	4	1,700439718	1,210300278	1,604449886	0,108615	0,1535353	0,03751049	FALSE
Rv3577	15	2	2,906890596	2,416751156	2,792180836	0,005235	0,01009843	0,002467	FALSE
Rv3578	1	3	-1,584962501	-2,075101941	-1,348183825	0,177599	0,23702158	0,05781885	FALSE
Rv3579c	93	44	1,079727192	0,589587752	2,328058132	0,019909	0,03369948	0,00823467	FALSE
Rv3584	6	4	0,584962501	0,094823061	0,10360907	0,91748	0,9353238	0,22834339	FALSE
Rv3586	3	3	0	-0,49013944	-0,419092891	0,675148	0,74088911	0,18081208	FALSE
Rv3587c	19	17	0,160464672	-0,329674768	-0,68996026	0,490219	0,56602776	0,13831231	FALSE
Rv3588c	12	12	0	-0,49013944	-0,838194739	0,401921	0,47676271	0,11649985	FALSE
Rv3589	14	2	2,807354922	2,317215482	2,631401555	0,008503	0,01561513	0,00381296	FALSE
Rv3590c	9	7	0,362570079	-0,127569361	-0,1774247	0,859175	0,88805654	0,2165029	FALSE
Rv3591c	2	1	1	0,50986056	0,29932164	0,764695	0,81465901	0,19872219	FALSE
Rv3594	12	8	0,584962501	0,094823061	0,146526204	0,883506	0,90672561	0,22144749	FALSE
Rv3595c	87	37	1,23349013	0,74335069	2,764278041	0,005705	0,01086712	0,00265545	FALSE
Rv3598c	95	45	1,078002512	0,587863072	2,346780119	0,018936	0,03234766	0,00790435	FALSE
Rv3599c	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv3604c	57	34	0,745427173	0,255287733	0,836218099	0,403032	0,47793526	0,11678637	FALSE
Rv3605c	28	7	2	1,50986056	2,788923152	0,005288	0,01018045	0,00248704	FALSE
Rv3606c	9	10	-0,152003093	-0,642142533	-0,976394728	0,328869	0,40226563	0,09828065	FALSE

Rv3607c	15	5	1,584962501	1,094823061	1,590531181	0,111715	0,15717801	0,03837283	FALSE
Rv3611	7	4	0,807354922	0,317215482	0,360226021	0,718678	0,78010787	0,19054463	FALSE
Rv3617	51	42	0,280107919	-0,210031521	-0,705410114	0,480555	0,55552619	0,13574619	FALSE
Rv3618	16	2	3	2,50986056	2,946920872	0,00321	0,00647214	0,00157947	FALSE
Rv3619c	23	7	1,716207034	1,226067594	2,15603544	0,031081	0,05046607	0,01232656	FALSE
Rv3621c	11	2	2,459431619	1,969292179	2,105458637	0,035251	0,05649774	0,01379707	FALSE
Rv3622c	6	0	3,584962501	3,094823061	2,010691768	0,044358	0,06917655	0,01688348	FALSE
Rv3624c	16	5	1,678071905	1,187932465	1,753869718	0,079453	0,11664034	0,02845898	FALSE
Rv3625c	9	11	-0,289506617	-0,779646057	-1,21405926	0,224725	0,28933449	0,07065404	FALSE
Rv3626c	35	18	0,959358016	0,469218575	1,160517644	0,245838	0,31351987	0,07661048	FALSE
Rv3627c	44	35	0,330148602	-0,159990838	-0,494793519	0,620746	0,69515706	0,16984153	FALSE
Rv3628	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv3630	31	25	0,310340121	-0,179799319	-0,468334655	0,639545	0,71010075	0,17351741	FALSE
Rv3631	51	45	0,180572246	-0,309567194	-1,057800529	0,290146	0,36268299	0,08848889	FALSE
Rv3632	18	8	1,169925001	0,679785561	1,162511389	0,245028	0,31258855	0,0763829	FALSE
Rv3633	182	131	0,474371639	-0,015767801	-0,09674197	0,922931	0,93855384	0,22934131	FALSE
Rv3634c	10	2	2,321928095	1,831788655	1,912333526	0,055833	0,08570343	0,02090413	FALSE
Rv3636	137	82	0,740480078	0,250340638	1,272471596	0,203206	0,26686326	0,06519869	FALSE
Rv3637	7	17	-1,280107919	-1,770247359	-2,886388531	0,003897	0,00775213	0,00189428	FALSE
Rv3638	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv3639c	9	2	2,169925001	1,679785561	1,708058052	0,087626	0,12673254	0,03093349	FALSE
Rv3640c	20	3	2,736965594	2,246826154	3,087022158	0,002022	0,00422749	0,00103218	FALSE
Rv3643	1	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3644c	104	85	0,291048782	-0,199090658	-0,953105358	0,340537	0,41478346	0,10135485	FALSE
Rv3647c	19	9	1,078002512	0,587863072	1,049446782	0,293973	0,36443262	0,08902305	FALSE
Rv3648c	125	64	0,965784285	0,475644845	2,220904538	0,026357	0,04333716	0,0105897	FALSE
Rv3649	17	24	-0,497499659	-0,9876391	-2,191301831	0,02843	0,0464709	0,01135545	FALSE
Rv3650	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv3652	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv3653	4	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3654c	0	5	-3,321928095	-3,812067535	-2,366327617	0,017966	0,03101478	0,00756437	FALSE
Rv3655c	2	5	-1,321928095	-1,812067535	-1,59075933	0,111664	0,15738926	0,03837283	FALSE
Rv3656c	9	11	-0,289506617	-0,779646057	-1,21405926	0,224725	0,28933449	0,07065404	FALSE
Rv3657c	2	2	0	-0,49013944	-0,342187506	0,73221	0,79149598	0,19316621	FALSE
Rv3658c	10	11	-0,137503524	-0,627642964	-1,003447635	0,315645	0,38766896	0,09471436	FALSE
Rv3659c	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv3660c	32	29	0,142019005	-0,348120435	-0,948551011	0,342849	0,41681987	0,10185246	FALSE

Rv3661	31	10	1,632268215	1,142128775	2,365881815	0,017987	0,03098366	0,00756437	FALSE
Rv3662c	13	11	0,2410081	-0,249131341	-0,425301594	0,670617	0,73913597	0,18061234	FALSE
Rv3663c	44	28	0,652076697	0,161937257	0,47363744	0,635758	0,70710249	0,17278477	FALSE
Rv3664c	6	5	0,263034406	-0,227105034	-0,262384616	0,793025	0,83979996	0,20496008	FALSE
Rv3665c	15	11	0,447458977	-0,042680463	-0,075515343	0,939805	0,953602	0,23292763	FALSE
Rv3666c	47	50	-0,089267338	-0,579406778	-1,991608667	0,046414	0,07208062	0,01760983	FALSE
Rv3667	56	44	0,347923303	-0,142216137	-0,494667209	0,620835	0,69505759	0,16984153	FALSE
Rv3669	15	11	0,447458977	-0,042680463	-0,075515343	0,939805	0,953602	0,23292763	FALSE
Rv3676	84	38	1,144389909	0,654250469	2,427824955	0,01519	0,02656322	0,00649088	FALSE
Rv3678A	15	7	1,099535674	0,609396234	0,963010104	0,335542	0,40946665	0,09996325	FALSE
Rv3678c	44	47	-0,095157233	-0,585296673	-1,948568204	0,051347	0,0793785	0,01939662	FALSE
Rv3681c	103	101	0,028289044	-0,461850396	-2,302883909	0,021285	0,03587371	0,00876596	FALSE
Rv3688c	30	10	1,584962501	1,094823061	2,2493739	0,024489	0,04062381	0,00992246	FALSE
Rv3689	46	27	0,768674454	0,278535014	0,81631324	0,414321	0,48828234	0,11929674	FALSE
Rv3690	17	2	3,087462841	2,597323401	3,096187362	0,00196	0,00411108	0,00100457	FALSE
Rv3691	17	15	0,180572246	-0,309567194	-0,610698257	0,541399	0,6177252	0,15087876	FALSE
Rv3692	19	5	1,925999419	1,435859979	2,212974896	0,026899	0,04416316	0,01078927	FALSE
Rv3693	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv3696c	50	32	0,64385619	0,15371675	0,479954742	0,63126	0,7032003	0,17180674	FALSE
Rv3697c	35	12	1,544320516	1,054181076	2,355952752	0,018475	0,03162907	0,00772537	FALSE
Rv3698	24	26	-0,115477217	-0,605616657	-1,494291448	0,135099	0,18727845	0,04576262	FALSE
Rv3700c	14	19	-0,440572591	-0,930712031	-1,855549811	0,063518	0,09573015	0,02339224	FALSE
Rv3701c	83	45	0,883186335	0,393046895	1,516970063	0,129274	0,18003421	0,04399245	FALSE
Rv3702c	3	5	-0,736965594	-1,227105034	-1,192161297	0,233198	0,29881484	0,07298129	FALSE
Rv3705c	37	15	1,30256277	0,81242333	1,946687547	0,051572	0,07969508	0,01945745	FALSE
Rv3706c	4	5	-0,321928095	-0,812067535	-0,847774643	0,396563	0,47241624	0,11533221	FALSE
Rv3707c	32	7	2,192645078	1,702505638	3,251522404	0,001148	0,00249235	0,00060885	FALSE
Rv3712	2	8	-2	-2,49013944	-2,45857915	0,013949	0,02454713	0,00599824	FALSE
Rv3713	6	3	1	0,50986056	0,518442029	0,60415	0,67939679	0,16589528	FALSE
Rv3714c	4	3	0,415037499	-0,075101941	-0,069004391	0,944986	0,95612665	0,23342365	FALSE
Rv3715c	18	13	0,469485283	-0,020654157	-0,039879324	0,968189	0,97518167	0,23823009	FALSE
Rv3716c	32	7	2,192645078	1,702505638	3,251522404	0,001148	0,00249235	0,00060885	FALSE
Rv3718c	14	6	1,222392421	0,732252981	1,094369965	0,273793	0,34539192	0,08427609	FALSE
Rv3719	133	69	0,946757979	0,456618539	2,206513562	0,027348	0,04483383	0,01095542	FALSE
Rv3721c	93	61	0,608421474	0,118282034	0,506803136	0,612293	0,68667547	0,1677933	FALSE
Rv3724A	25	15	0,736965594	0,246826154	0,536213136	0,591811	0,66744345	0,1630703	FALSE
Rv3726	49	51	-0,057715498	-0,547854938	-1,912323647	0,055835	0,08560443	0,02090413	FALSE

Rv3727	28	6	2,222392421	1,732252981	3,078745508	0,002079	0,00433974	0,00106016	FALSE
Rv3729	19	14	0,440572591	-0,049566849	-0,098820853	0,921281	0,93785203	0,22911009	FALSE
Rv3730c	28	7	2	1,50986056	2,788923152	0,005288	0,01018045	0,00248704	FALSE
Rv3732	33	10	1,722466024	1,232326584	2,592938044	0,009516	0,01734015	0,00423717	FALSE
Rv3734c	132	98	0,429684275	-0,060455165	-0,31832485	0,750239	0,80353305	0,19634816	FALSE
Rv3738c	8	9	-0,169925001	-0,660064441	-0,949188147	0,342525	0,41688011	0,10181958	FALSE
Rv3739c	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv3741c	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv3742c	18	2	3,169925001	2,679785561	3,240464224	0,001193	0,00258246	0,00063051	FALSE
Rv3744	11	10	0,137503524	-0,352635916	-0,563778607	0,572905	0,64921454	0,15859348	FALSE
Rv3745c	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv3747	10	7	0,514573173	0,024433733	0,03488969	0,972168	0,97780164	0,23883947	FALSE
Rv3748	13	3	2,115477217	1,625337777	2,005125088	0,04495	0,06987599	0,01706783	FALSE
Rv3752c	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv3753c	56	19	1,559427409	1,069287969	3,014917126	0,00257	0,00529978	0,00129503	FALSE
Rv3754	6	7	-0,222392421	-0,712531861	-0,895464602	0,370539	0,44617759	0,108959	FALSE
Rv3755c	44	14	1,652076697	1,161937257	2,85771638	0,004267	0,00840489	0,00205242	FALSE
Rv3756c	14	12	0,222392421	-0,267747019	-0,475868675	0,634168	0,70573548	0,1724016	FALSE
Rv3758c	14	23	-0,716207034	-1,206346474	-2,522747301	0,011644	0,02092527	0,00511322	FALSE
Rv3759c	38	10	1,925999419	1,435859979	3,129655336	0,00175	0,00369416	0,00090269	FALSE
Rv3760	16	2	3	2,50986056	2,946920872	0,00321	0,00647214	0,00157947	FALSE
Rv3761c	38	36	0,078002512	-0,412136928	-1,237401386	0,215938	0,28126694	0,06859646	FALSE
Rv3766	32	38	-0,247927513	-0,738066953	-2,151669716	0,031423	0,05097976	0,01245721	FALSE
Rv3770B	23	6	1,938599455	1,448460015	2,45081658	0,014253	0,02506032	0,00612271	FALSE
Rv3770c	15	3	2,321928095	1,831788655	2,342126898	0,019174	0,03259697	0,00795239	FALSE
Rv3771c	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv3772	3	4	-0,415037499	-0,905176939	-0,831685343	0,405587	0,48052657	0,11734837	FALSE
Rv3773c	22	6	1,874469118	1,384329678	2,316420535	0,020535	0,03469194	0,00847169	FALSE
Rv3775	18	4	2,169925001	1,679785561	2,415571032	0,015711	0,02738216	0,00668354	FALSE
Rv3777	28	10	1,485426827	0,995287387	2,009903039	0,044441	0,06919612	0,01690849	FALSE
Rv3778c	86	95	-0,143590854	-0,633730294	-2,974644499	0,002933	0,00595656	0,00145552	FALSE
Rv3782	108	73	0,565062943	0,074923503	0,348561162	0,727419	0,78795295	0,19254107	FALSE
Rv3784	81	77	0,073063462	-0,417075978	-1,829904031	0,067264	0,10094814	0,02466729	FALSE
Rv3786c	17	3	2,502500341	2,0123609	2,654792404	0,007936	0,01474613	0,00359903	FALSE
Rv3787c	10	6	0,736965594	0,246826154	0,339126285	0,734515	0,79124952	0,19318673	FALSE
Rv3788	27	19	0,506959989	0,016820549	0,039519337	0,968476	0,9749678	0,23823928	FALSE
Rv3789	16	2	3	2,50986056	2,946920872	0,00321	0,00647214	0,00157947	FALSE

Rv3850	18	22	-0,289506617	-0,779646057	-1,716959358	0,085987	0,12473167	0,03047479	FALSE
Rv3851	3	1	1,584962501	1,094823061	0,711301316	0,476898	0,55277082	0,13487273	FALSE
Rv3853	5	4	0,321928095	-0,168211345	-0,175607701	0,860602	0,88718358	0,2165029	FALSE
Rv3856c	38	15	1,341036918	0,850897478	2,052516854	0,040119	0,06354349	0,01552409	FALSE
Rv3857c	8	3	1,415037499	0,924898059	1,01059623	0,31221	0,38484184	0,09391985	FALSE
Rv3859c	908	700	0,375337375	-0,114802065	-1,60171662	0,109218	0,15424861	0,03769158	FALSE
Rv3860	27	12	1,169925001	0,679785561	1,423790007	0,154507	0,20975174	0,0512452	FALSE
Rv3861	2	0	NA	NA	NA	NA	NA	NA	FALSE
Rv3869	421	370	0,186294963	-0,303844477	-2,981291268	0,00287	0,00583789	0,00142652	FALSE
Rv3870	659	464	0,50615366	0,01601422	0,186024638	0,852425	0,88341862	0,21586868	FALSE
Rv3879c	383	298	0,362032061	-0,128107379	-1,162868673	0,244883	0,31250565	0,07636265	FALSE
Rv3882c	44	41	0,101879614	-0,388259826	-1,249199964	0,211592	0,27662087	0,06759398	FALSE
Rv3883c	47	46	0,031026896	-0,459112544	-1,545558796	0,122211	0,17086809	0,04175265	FALSE
Rv3884c	36	24	0,584962501	0,094823061	0,253796736	0,799653	0,84464252	0,20639351	FALSE
Rv3885c	16	10	0,678071905	0,187932465	0,329964181	0,741427	0,79551382	0,19430853	FALSE
Rv3886c	9	5	0,847996907	0,357857467	0,457556932	0,647271	0,71694581	0,1750659	FALSE
Rv3887c	55	17	1,693896872	1,203757432	3,286140464	0,001016	0,00222452	0,00054358	FALSE
Rv3890c	103	114	-0,146389487	-0,636528927	-3,271432947	0,00107	0,00233828	0,00057137	FALSE
Rv3891c	15	9	0,736965594	0,246826154	0,415345089	0,677889	0,7419164	0,1811902	FALSE
Rv3893c	7	1	2,807354922	2,317215482	1,860676038	0,06279	0,09498149	0,02317788	FALSE
Rv3896c	51	24	1,087462841	0,597323401	1,744220538	0,081121	0,11846526	0,0289477	FALSE
Rv3897c	8	4	1	0,50986056	0,598646295	0,549409	0,62576674	0,15284302	FALSE
Rv3901c	12	10	0,263034406	-0,227105034	-0,371070296	0,710585	0,77336541	0,18897652	FALSE
Rv3902c	61	53	0,202816883	-0,287322557	-1,069618592	0,284791	0,35724669	0,08729539	FALSE
Rv3903c	106	70	0,598637438	0,108497998	0,497159332	0,619077	0,69368565	0,16950629	FALSE
Rv3904c	13	5	1,378511623	0,888372183	1,245248184	0,213041	0,27795633	0,0678523	FALSE
Rv3906c	18	21	-0,222392421	-0,712531861	-1,551014059	0,120898	0,1695181	0,04141584	FALSE
Rv3908	11	10	0,137503524	-0,352635916	-0,563778607	0,572905	0,64921454	0,15859348	FALSE
Rv3910	131	132	-0,010971118	-0,501110558	-2,837207867	0,004551	0,00889472	0,00217348	FALSE
Rv3911	5	3	0,736965594	0,246826154	0,239797393	0,810487	0,84737698	0,20689551	FALSE
Rv3912	4	1	2	1,50986056	1,054098848	0,291838	0,3631117	0,08848889	FALSE
Rv3917c	124	55	1,172836597	0,682697157	3,062987683	0,002191	0,0045615	0,00111463	FALSE
Rv3919c	105	50	1,070389328	0,580249888	2,438488604	0,014749	0,02583277	0,00631098	FALSE
Rv3920c	141	120	0,232660757	-0,257478683	-1,449896265	0,147087	0,20139428	0,04921191	FALSE
Rv3922c	65	30	1,115477217	0,625337777	2,051514363	0,040217	0,06365907	0,01555548	FALSE

(1) Benjamini Y & Hochberg Y. "Controlling the false discovery rate: a practical and powerful approach to multiple testing". J. R. Stat. Soc. Ser. B 1995;57:289-300

(2) Storey JD & Tibshirani R. "Statistical significance for genomewide studies" Proc Natl Acad Sci U S A. 2003; 100(16):9440-5.

Table S1E. Significant over expressed genes in the fatty acid during exponential phase (FE versus DE)

Gene	Gene name	Functional Category	FDR Fisher Exact Test	Function
Rv0079		conserved hypotheticals	1,08988E-12	Unknown, probalby transduction regulation protein PROBABLE TRANSCRIPTIONAL REGULATORY PROTEIN (POSSIBLY TETR-
Rv0144		regulatory proteins	0,001591085	FAMILY)
Rv0145		lipid metabolism	5,22816E-05	POSSIBLE METHYLTRANSFERASE
Rv0190		conserved hypotheticals	7,37511E-10	Unknown
Rv0211	pckA	intermediary metabolism and respiration	0,020878301	RATE-LIMITING GLUCONEOGENIC ENZYME [CATALYTIC ACTIVITY: GTP + OXALOACETATE = GDP + PHOSPHOENOLPYRUVATE + CO2].
Rv0250c		conserved hypotheticals	7,54408E-05	Unknown
Rv0291	mycP3	intermediary metabolism and respiration	0,000574297	THOUGHT TO HAVE PROTEOLYTIC ACTIVITY. INVOLVED IN GLYOXYLATE BYPASS (AT THE FIRST STEP), AN ALTERNATIVE TO THE TRICARBOXYLIC ACID CYCLE; [CATALYTIC
Rv0467	icl1	intermediary metabolism and respiration	1,57666E-08	ACTIVITY: ISOCITRATE = SUCCINATE + GLYOXYLATE] POSSIBLY INVOLVED IN TRANSCRIPTIONAL MECHANISM; POSSIBLE
Rv0485		regulatory proteins	0,004191599	TRANSCRIPTIONAL REGULATORY PROTEIN
Rv0508		conserved hypotheticals	8,01608E-07	Unknown
Rv0509	hemA	intermediary metabolism and respiration	6,15535E-12	INVOLVED IN PORPHYRIN BIOSYNTHESIS BY THE C5 PATHWAY (AT THE FIRST STEP) [CATALYTIC ACTIVITY: GLUTAMYL-TRNA(GLU) + NADPH = GLUTAMATE-1-SEMIALDEHYDE + NADP+ + TRNA(GLU)].
Rv0512	hemB	intermediary metabolism and respiration	0,020473912	INVOLVED IN PORPHYRIN AND HEME BIOSYNTHESIS; [CATALYTIC ACTIVITY: 2 5-AMINOLEVULINATE = PORPHOBILINOGEN + 2 H2O].
Rv0516c		information pathways	0,020987415	POSSIBLE ANTI-ANTI-SIGMA FACTOR
Rv0629c	recD	information pathways	0,028599179	INVOLVED IN HOMOLOGOUS RECOMBINATION.
Rv0682	rpsL	information pathways	1,08988E-12	PROTEIN S12 IS INVOLVED IN THE TRANSLATION INITIATION STEP PROTEIN S7 BINDS SPECIFICALLY TO PART OF THE 3' END OF 16S
Rv0683	rpsG	information pathways	0,028789283	RIBOSOMAL RNA
Rv0692		conserved hypotheticals	1,08988E-12	Unknown

Rv0693	pqqE	intermediary metabolism and respiration	1,08988E-12	REQUIRED FOR COENZYME PYRROLO-QUINOLINE-QUINONE (PQQ) BIOSYNTHESIS.
Rv0694	lldD1	intermediary metabolism and respiration	0,028789283	INTO PYRUVATE [CATALYTIC ACTIVITY: (S)-LACTATE + 2 FERRICYTOCHROME C = PYRUVATE + 2 FERROCYTOCHROME C].
Rv0696		intermediary metabolism and respiration	3,20971E-06	Unknown, PROBABLY INVOLVED IN CELLULAR METABOLISM; PROBABLE
Rv0697		intermediary metabolism and respiration	0,001144501	MEMBRANE SUGAR TRANSFERASE Unknown, PROBABLY INVOLVED IN CELLULAR METABOLISM.PROBABLE
Rv0716	rplE	information pathways	0,018883796	DEHYDROGENASE THIS IS ONE OF 3 PROTEINS THAT MEDIATE THE ATTACHMENT OF THE 5S RNA INTO THE LARGE RIBOSOMAL SUBUNIT.
Rv0808	purF	intermediary metabolism and respiration	0,000246399	INVOLVED IN DE NOVO PURINE BIOSYNTHESIS (AT THE FIRST STEP) [CATALYTIC ACTIVITY: 5-PHOSPHO-BETA-D-RIBOSYLAMINE + DIPHOSPHATE + L-GLUTAMATE = L-GLUTAMINE + 5-PHOSPHO-ALPHA-D-RIBOSE 1-DIPHOSPHATE + H2O].
Rv0809	purM	intermediary metabolism and respiration	0,009207914	INVOLVED IN DE NOVO PURINE BIOSYNTHESIS (AT THE FIFTH STEP) [CATALYTIC ACTIVITY: ATP + 5'-PHOSPHORIBOSYLFORMYLGLYCINAMIDINE = ADP + PHOSPHATE + 5'-PHOSPHORIBOSYL-5-AMINOIMIDAZOLE].
Rv0866	moaE2	intermediary metabolism and respiration	1,03905E-05	POSSIBLY A MOLYBDENUM BIOSYNTHESIS COFACTOR. CONVERSION OF MOLYBDOPTERIN PRECURSOR Z INTO MOLYBDOPTERIN REQUIRES
Rv0870c		cell wall and cell processes	0,001141502	TRANSFER OF TWO SULFUR ATOMS TO PRECURSOR Z Unknown, POSSIBLE CONSERVED INTEGRAL MEMBRANE PROTEIN
Rv0981	mprA	regulatory proteins	0,00887793	REGULATOR PART OF A TWO COMPONENT REGULATORY SYSTEM (MPRAB SYSTEM); MYCOBACTERIAL PERSISTENCE REGULATOR MRPA (TWO COMPONENT RESPONSE TRANSCRIPTIONAL REGULATORY PROTEIN)
Rv0995	rimJ	information pathways	0,002860412	ACETYLATES THE N-TERMINAL ALANINE OF RIBOSOMAL PROTEIN S5 [CATALYTIC ACTIVITY: ACETYL-CoA + RIBOSOMAL-PROTEIN L-ALANINE = CoA + RIBOSOMAL-PROTEIN N-ACETYL-L-ALANINE].
Rv1057		conserved hypotheticals	0,002210585	Unknown
Rv1066		conserved hypotheticals	1,28318E-07	Unknown
Rv1110	lytB2	cell wall and cell processes	9,75566E-10	UNKNOWN. IN OTHER ORGANISMS, LYTB PRODUCT IS INVOLVED IN PENICILLIN TOLERANCE AND CONTROL OF THE STRINGENT RESPONSE.

Rv1174c	TB8.4	cell wall and cell processes	7,34397E-06	Unknown, (SECRETED PROTEIN)
Rv1180	pkc3	lipid metabolism	0,000588572	PROBABLE POLYKETIDE BETA-KETOACYL SYNTHASE PKC3
Rv1184c		cell wall and cell processes	3,69208E-07	Unknown, POSSIBLE EXPORTED PROTEIN; Lipase, esterase or quitinase INVOLVED IN BIOSYNTHESIS OF DIAMINOPIMELATE AND LYSINE; [CATALYTIC ACTIVITY: TETRAHYDRODIPICOLINATE + SUCCINYL-CoA +
Rv1201c	dapD	intermediary metabolism and respiration	1,65011E-05	H ₂ O = N-SUCCINYL-2-AMINO-6-KETOPIMELATE + COENZYME A] PRODUCES ATP FROM ADP IN THE PRESENCE OF A PROTON GRADIENT ACROSS THE MEMBRANE. THE GAMMA CHAIN IS BELIEVED TO BE IMPORTANT IN REGULATING ATPase ACTIVITY AND THE FLOW OF
Rv1309	atpG	intermediary metabolism and respiration	0,009167849	PROTONS THROUGH THE CF(0) COMPLEX. PRODUCES ATP FROM ADP IN THE PRESENCE OF A PROTON GRADIENT ACROSS THE MEMBRANE; [CATALYTIC ACTIVITY: ATP + H(2)O +
Rv1310	atpD	intermediary metabolism and respiration	3,85328E-06	H(+)(IN) = ADP + PHOSPHATE + H(+)(OUT)] PRODUCES ATP FROM ADP IN THE PRESENCE OF A PROTON GRADIENT ACROSS THE MEMBRANE [CATALYTIC ACTIVITY: ATP + H(2)O +
Rv1311	atpC	intermediary metabolism and respiration	1,08988E-12	H(+)(IN) = ADP + PHOSPHATE + H(+)(OUT)] INVOLVED IN THE ACTIVATED METHYL CYCLE; [CATALYTIC ACTIVITY : ATP + L-METHIONINE + H(2)O = PHOSPHATE + DIPHOSPHATE + S-
Rv1392	metK	intermediary metabolism and respiration	0,016122276	ADENOSYL-L-METHIONINE]
Rv1397c	vapC10	virulence, detoxification, adaptation	0,032143395	Unknown, POSSIBLE TOXIN VAPC10
Rv1398c	vapB10	virulence, detoxification, adaptation	1,08988E-12	Unknown, POSSIBLE ANTITOXIN VAPB10
Rv1436	gap	intermediary metabolism and respiration	0,028210956	INVOLVED IN SECOND PHASE OF GLYCOLYSIS (FIRST STEP) [CATALYTIC ACTIVITY: D-GLYCERALDEHYDE 3-PHOSPHATE + PHOSPHATE + NAD(+) = 3-PHOSPHO-D-GLYCEROYL PHOSPHATE + NADH.] TRANSALDOLASE IS IMPORTANT FOR THE BALANCE OF METABOLITES IN THE PENTOSE-PHOSPHATE PATHWAY [CATALYTIC ACTIVITY: SEDOHEPTULOSE 7-PHOSPHATE + D-GLYCERALDEHYDE 3-PHOSPHATE
Rv1448c	tal	intermediary metabolism and respiration	0,003114912	= D-ERYTHROSE 4-PHOSPHATE + D-FRUCTOSE 6-PHOSPHATE]
Rv1462		conserved hypotheticals	0,034289899	Unknown

Rv1489		conserved hypotheticals	0,02538925 Unknown
Rv1610		cell wall and cell processes	0,023157422 Unknown, POSSIBLE CONSERVED INTEGRAL MEMBRANE PROTEIN
Rv1628c		conserved hypotheticals	0,001273772 Unknown
Rv1638A		conserved hypotheticals	0,000396176 Unknown
			NUDIX HYDROLASES CATALYZE THE HYDROLYSIS OF A VARIETY OF
Rv1700		information pathways	0,001797326 NUCLEOSIDE DIPHOSPHATE DERIVATIVES
Rv1733c		cell wall and cell processes	2,6153E-08 Unknown, PROBABLE CONSERVED TRANSMEMBRANE PROTEIN
Rv1772		conserved hypotheticals	0,000115402 Unknown
Rv1813c		conserved hypotheticals	1,08988E-12 Unknown
Rv1870c		conserved hypotheticals	0,004833326 Unknown
Rv1904		conserved hypotheticals	2,14472E-05 Unknown
		virulence, detoxification,	MULTIFUNCTIONAL ENZYME, EXHIBITING BOTH A CATALASE, A BROAD-
Rv1908c	katG	adaptation	0,004337147 SPECTRUM PEROXIDASE, AND A PEROXYNITRITASE ACTIVITIES
Rv1927		conserved hypotheticals	0,002897917 Unknown
		virulence, detoxification,	
Rv1932	tpx	adaptation	0,0116419 HAS ANTIOXIDANT ACTIVITY. COULD REMOVE PEROXIDES OR H(2)O(2)
Rv1947		conserved hypotheticals	2,4711E-09 Unknown
Rv1996		virulence, detoxification,	
		adaptation	1,08988E-12 Unknown, UNIVERSAL STRESS PROTEIN FAMILY PROTEIN
Rv2052c		conserved hypotheticals	0,019506044 Unknown
Rv2092c	helY	information pathways	0,00059448 DNA HELICASE ACTIVITY.
Rv2159c		conserved hypotheticals	0,001273258 Unknown
Rv2160A		regulatory proteins	1,08988E-12 transcriptional regulator
		intermediary metabolism	Unknown, CONSERVED PROTEIN; shows some similarity to protein
Rv2161c		and respiration	3,02844E-06 involved in lincomycin production
Rv2204c		conserved hypotheticals	2,53008E-13 Unknown
		intermediary metabolism	INVOLVED IN GLUTAMINE BIOSYNTHESIS [CATALYTIC ACTIVITY: ATP +
Rv2220	glnA1	and respiration	0,000504747 L-GLUTAMATE + NH(3) = ADP + GLUTAMINE + ORTHOPHOSPHATE].
Rv2258c		regulatory proteins	0,00887793 POSSIBLY INVOLVED IN TRANSCRIPTIONAL REGULATION
Rv2342		conserved hypotheticals	1,18582E-05 Unknown
Rv2382c	mbtC	lipid metabolism	0,03222415 POLYKETIDE SYNTHETASE MBTC (POLYKETIDE SYNTHASE)
			CATALYZES THE REDUCTION OF SULFITE TO SULFIDE, IN THE
		intermediary metabolism	BIOSYNTHESIS OF SULFUR-CONTAINING AMINO ACIDS AND CO-
Rv2391	sirA	and respiration	2,64378E-06 FACTORS; FERREDOXIN-DEPENDENT SULFITE REDUCTASE SIRA

Rv2392	cysH	intermediary metabolism and respiration	8,89738E-06	REDUCES ACTIVATED SULFATE INTO SULFITE [CATALYTIC ACTIVITY: 5-PHOSPHOADENOSINE 3-PHOSPHOSULFATE + REDUCED THIOREDOXIN = PHOSPHOADENOSINE PHOSPHATE + OXIDIZED THIOREDOXIN + SULFITE].
Rv2393	che1	intermediary metabolism and respiration	5,98196E-11	POSSIBLY INVOLVED IN INSERTING FE ²⁺ INTO SIROHYDROCHLORIN TO PRODUCE SIROHEME, REQUIRED FOR SIRA (Rv2391) FUNCTION PLAYS A KEY ROLE IN THE GAMMA-GLUTAMYL CYCLE, A PATHWAY FOR THE SYNTHESIS AND DEGRADATION OF GLUTATHIONE [CATALYTIC ACTIVITY: 5-L-GLUTAMYL)-PEPTIDE + AN AMINO ACID = PEPTIDE + 5-L-GLUTAMYL-AMINO ACID].
Rv2394	ggtB	intermediary metabolism and respiration	0,028599179	INVOLVED IN PROLINE BIOSYNTHESIS PATHWAY; [CATALYTIC ACTIVITY: ATP + L-GLUTAMATE = ADP + L-GLUTAMATE 5- PHOSPHATE].
Rv2439c	proB	intermediary metabolism and respiration	0,001265082	ESSENTIAL GTP-BINDING PROTEIN.
Rv2440c	obg	intermediary metabolism and respiration	0,034950697	Unknown
Rv2542		conserved hypotheticals	0,001544712	Unknown, THOUGHT TO BE INVOLVED IN THE PERSISTENCE IN THE
Rv2557		conserved hypotheticals	9,52705E-13	HOST
Rv2558		conserved hypotheticals	0,001741085	Unknown, THOUGHT TO BE INVOLVED IN THE PERSISTENCE IN THE
Rv2590	fadD9	lipid metabolism	5,68146E-07	HOST FUNCTION UNKNOWN, BUT INVOLVED IN LIPID DEGRADATION; PROBABLE FATTY-ACID-CoA LIGASE FADD9 (FATTY-ACID-CoA SYNTHETASE) (FATTY-ACID-CoA SYNTHASE)
Rv2781c		intermediary metabolism and respiration	1,94249E-10	Unknown, PROBABLY INVOLVED IN CELLULAR METABOLISM. POSSIBLE ALANINE RICH OXIDOREDUCTASE
Rv2792c		insertion seqs and phages	0,045951102	PREVENTS THE COINTEGRATION OF FOREIGN DNA BEFORE INTEGRATION INTO THE CHROMOSOME.
Rv2793c	truB	information pathways	0,014028953	FORMATION OF PSEUDOURIDINE AT POSITION 55 IN THE PSI GC LOOP OF TRANSFER RNAs [CATALYTIC ACTIVITY: URACIL + D-RIBOSE 5-PHOSPHATE = PSEUDOURIDINE 5'-PHOSPHATE + H ₂ O].
Rv2794c	pptT	lipid metabolism	0,041089059	BIOSYNTHESIS OF FATTY ACIDS AND LIPIDS

Rv2902c	rnhB	information pathways	0,00193951	DEGRADES THE RIBONUCLEOTIDE MOIETY ON RNA-DNA HYBRID MOLECULES [CATALYTIC ACTIVITY: ENDONUCLEOLYTIC CLEAVAGE TO 5'-PHOSPHOMONOESTER].
Rv2922A	acyP	intermediary metabolism and respiration	9,04757E-06	INVOLVED IN CELLULAR METABOLISM [CATALYTIC ACTIVITY: AN ACYLPHOSPHATE + H(2)O = A FATTY ACID ANION + ORTHOPHOSPHATE].
Rv3131		conserved hypotheticals	1,08988E-12	Unknown
Rv3134c		virulence, detoxification, adaptation	5,98851E-06	FUNCTION UNKNOWN. COULD PLAY A ROLE IN THE ADAPTATION TO HYPOXIA, part of dosR regulon
Rv3145	nuoA	intermediary metabolism and respiration	0,007665023	INVOLVED IN AEROBIC ANAEROBIC RESPIRATION [CATALYTIC ACTIVITY: NADH + UBIQUINONE = NAD(+) + UBIQUINOL]. PROBABLE NADH DEHYDROGENASE I
Rv3229c	desA3	lipid metabolism	1,08988E-12	THOUGHT TO BE INVOLVED IN LIPID METABOLISM [CATALYTIC ACTIVITY: LINOLEOYL-CoA + AH(2) + O(2) = GAMMA-LINOLENOYL-CoA + A + 2 H(2)O]
Rv3230c		intermediary metabolism and respiration	0,005698678	Unknown; PROBABLY INVOLVED IN CELLULAR METABOLISM; HYPOTHETICAL OXIDOREDUCTASE
Rv3241c		information pathways	0,000500956	Unknown, MAY BE INVOLVED IN TRANSDUCTION MECHANISM
Rv3261	fbiA	intermediary metabolism and respiration	0,015453196	REQUIRED FOR COENZYME F420 PRODUCTION: INVOLVED IN THE CONVERSION OF FO INTO F420.
Rv3271c		cell wall and cell processes	0,020987415	Unknown, PROBABLE CONSERVED INTEGRAL MEMBRANE PROTEIN
Rv3288c	usfY	conserved hypotheticals	1,09818E-10	Unknown; May not be contranscribed with the usfX and sigF proteins.
Rv3289c		cell wall and cell processes	1,08988E-12	Unknown, POSSIBLE TRANSMEMBRANE PROTEIN
Rv3290c	lat	intermediary metabolism and respiration	1,08988E-12	POSSIBLY INVOLVED IN L-ALPHA-AMINOADIPIC ACID (L-AAA) BIOSYNTHESIS; [CATALYTIC ACTIVITY: L-LYSINE + 2-OXOGLUTARATE = 2-AMINOADIPATE 6-SEMIALDEHYDE + L-GLUTAMATE].
Rv3307	deoD	intermediary metabolism and respiration	4,98361E-05	INVOLVED IN PURINE NUCLEOSIDE SALVAGE; [CATALYTIC ACTIVITY: PURINE NUCLEOSIDE + ORTHOPHOSPHATE = PURINE + ALPHA-D-RIBOSE 1-PHOSPHATE].
Rv3312A		cell wall and cell processes	0,001144501	Unknown, SECRETED PROTEIN ANTIGEN
Rv3364c		conserved hypotheticals	0,028599179	Unknown
Rv3402c		conserved hypotheticals	0,04819286	FUNCTION UNKNOWN; THOUGHT TO BE INVOLVED IN CELL PROCESS

Rv3416	whiB3	regulatory proteins	0,002932085	INVOLVED IN TRANSCRIPTIONAL MECHANISM (GROWTH PHASE-DEPENDENT).
Rv3487c	lipF	intermediary metabolism	0,000396176	FUNCTION UNKNOWN; LIPOLYTIC ENZYME INVOLVED IN CELLULAR
Rv3566A		and respiration	0,006747902	METABOLISM
Rv3588c	canB	conserved hypotheticals	2,42089E-05	CATALYZES REVERSIBLE DEHYDRATION OF CO2 TO FORM BICARBONATE
Rv3612c		intermediary metabolism	0,028599179	Unknown
Rv3613c	espD	and respiration	1,05817E-07	Unknown
Rv3614c		conserved hypotheticals	1,08988E-12	Unknown, ESX-1 SECRETION-ASSOCIATED PROTEIN ESPD
Rv3673c	pks2	cell wall and cell processes	0,028210956	Unknown, POSSIBLY ACTS ON THIOREDOXIN.POSSIBLE MEMBRANE-ANCHORED THIOREDOXIN-LIKE PROTEIN (THIOL-DISULFIDE INTERCHANGE RELATED PROTEIN)
Rv3686c		intermediary metabolism	1,60004E-08	Unknown
Rv3733c		and respiration	0,002504642	Unknown
Rv3825c		conserved hypotheticals	0,000134584	PROBABLE POLYKETIDE SYNTHASE PKS2
Rv3837c	pcnA	lipid metabolism	3,06494E-07	METABOLISM [CATALYTIC ACTIVITY: 3-PHOSPHOGLYCERATE = 2-PHOSPHOGLYCERATE].
Rv3906c		intermediary metabolism	2,7215E-12	Unknown
Rv3907c	rnpA	and respiration	0,001273772	INVOLVED IN TRANSCRIPTION MECHANISM [CATALYTIC ACTIVITY: N ATP + (NUCLEOTIDE)(M) = N DIPHOSPHATE + (NUCLEOTIDE)(M+N)].
Rv3922c		conserved hypotheticals	5,51564E-05	Unknown, POSSIBLE HEMOLYSIN
Rv3923c		information pathways	6,07044E-06	RNaseP CATALYZES THE REMOVAL OF THE 5'-LEADER SEQUENCE FROM PRE-tRNA TO PRODUCE THE MATURE 5'TERMINUS

Genes under the control of the DosR Regulon

Table S1F. Significant over expressed genes in the fatty acid during stationary phase (FS versus DS)

Gene	Gene name	Functional category	FDR Fisher Exact Test	Function
Rv0079		conserved hypotheticals	3,371E-07	Unknown, probable transduction regulatory protein Belongs to pyridoxine 5'-phosphate (PNP) oxidase-like (PNPOx-like)
Rv0080		conserved hypotheticals	1,19E-09	superfamily; EC:1.4.3.5)
Rv0081		regulatory proteins	0,0139256	PROBABLE TRANSCRIPTIONAL REGULATORY PROTEIN
Rv0103	ctpB	cell wall and cell processes	0,0275168	PROBABLE CATION-TRANSPORTER P-TYPE ATPase B CTPB
Rv0211	pckA	intermediary metabolism and respiration	4,027E-14	RATE-LIMITING GLUCONEOGENIC ENZYME [CATALYTIC ACTIVITY: GTP + OXALOACETATE = GDP + PHOSPHOENOLPYRUVATE + CO2].
Rv0243	fadA2	Lipid metabolism	9,87E-05	Lipid degradation; PROBABLE ACETYL-CoA ACYLTRANSFERASE FADA2 (3-KETOACYL-CoA THIOLASE) (BETA-KETOTHIOLASE)
Rv0280	PPE3	PE/PPE	0,0006429	Unknown
Rv0285	PE5	PE/PPE	0,0017017	Unknown
Rv0286	PPE4	PE/PPE	0,0136625	Unknown
Rv0287	esxG	cell wall and cell processes	4,948E-12	Unknown, ESAT-6 LIKE PROTEIN ESXG
Rv0288	esxH	cell wall and cell processes	1,549E-06	(CFP-7)
Rv0289	espG3	cell wall and cell processes	9,038E-13	Unknown, ESX-3 SECRETION-ASSOCIATED PROTEIN ESPG3
Rv0290	eccD3	cell wall and cell processes	0,0414317	Transmembrane protein
Rv0341	iniB	cell wall and cell processes	3,57E-13	Unknown, Isoniazide induced
Rv0467	icl1	intermediary metabolism and respiration	3,877E-09	INVOLVED IN GLYOXYLATE BYPASS, CATALYTIC ACTIVITY: ISOCITRATE = SUCCINATE + GLYOXYLATE]. INVOLVED IN THE PERSISTENCE IN THE HOST.
Rv0510	hemC	intermediary metabolism and respiration	3,428E-06	INVOLVED IN PORPHYRIN BIOSYNTHESIS, [CATALYTIC ACTIVITY: 4 PORPHOBILINOGEN + H2O = HYDROXYMETHYLBILANE + 4 NH3].
Rv0569		conserved hypotheticals	9,038E-13	Unknown, Also similar to T36824 SCI35.11 hypothetical protein from Streptomyces coelicolor (64 aa); and N-terminus of T36956 probable DNA-binding protein from Streptomyces coelicolor (323 aa)

Rv0570	nrdZ	information pathways	0,0042419	INVOLVED IN THE DNA REPLICATION PATHWAY, (RIBONUCLEOTIDE REDUCTASE)
Rv0628c		conserved hypotheticals	1,099E-06	Unknown
Rv0652	rplL	information pathways	0,0414317	RIBOSOMAL PROTEIN L7/L12 RPL (SA1). APPEARS TO BE ESSENTIAL FOR ACCURATE TRANSLATION.
Rv0701	rplC	information pathways	1,163E-10	This protein binds directly to 23S ribosomal RNA and may participate in the formation of the peptidyltransferase center of the ribosome
Rv0702	rplD	information pathways	0,0005062	THIS PROTEIN BINDS DIRECTLY AND SPECIFICALLY TO 23S RRNA
Rv0704	rplD	information pathways	0,0013988	THIS PROTEIN IS A PRIMARY 23S RRNA-BINDING PROTEIN. IT HAS PEPTIDYLTRANSFERASE ACTIVITY
Rv0710	rpsQ	information pathways	2,356E-06	PROTEIN S17, ribosomal protein
Rv0939		intermediary metabolism and respiration	0,0275168	FUNCTION UNKNOWN; PROBABLY INVOLVED IN CELLULAR METABOLISM, POSSIBLY IN A DEGRADATION PATHWAY.
Rv0960	vapC9	virulence, detoxification, adaptation	9,038E-13	PIN Domain
Rv1065		conserved hypotheticals	9,038E-13	Unknown
Rv1066		conserved hypotheticals	9,038E-13	Unknown
Rv1078	para	conserved hypotheticals	0,0015892	Unknown, PROBABLE PROLINE-RICH ANTIGEN HOMOLOG PARA
Rv1133c	metA	intermediary metabolism and respiration	0,0122387	METHIONINE SYNTHASE
Rv1184c		cell wall and cell processes	0,0239865	Putative lipase, esterase or cutinase
Rv1194c		conserved hypotheticals	1,009E-05	Unknown
Rv1284	canA	intermediary metabolism and respiration	0,0015892	CATALYZES REVERSIBLE DEHYDRATION OF CO2 TO FORM BICARBONATE
Rv1317c	alkA	information pathways	0,0001083	PROBABLE BIFUNCTIONAL REGULATORY PROTEIN AND DNA REPAIR ENZYME ALKA
Rv1324		intermediary metabolism and respiration	0,0004271	Thiorredoxin

Rv1465		intermediary metabolism and respiration	0,0020951	Unknown, POSSIBLE NITROGEN FIXATION RELATED PROTEIN
Rv1466		conserved hypotheticals	3,754E-05	Unknown
Rv1535		conserved hypotheticals	9,038E-13	Unknown
Rv1560	vapB11	virulence, detoxification, adaptation	0,0056757	Unknown, POSSIBLE ANTITOXIN VAPB11
Rv1572		insertion seqs and phages	0,0241859	Unknown
Rv1652	argC	intermediary metabolism and respiration	8,327E-05	INVOLVED IN ARGININE BIOSYNTHESIS, N-ACETYL-L-GLUTAMATE 5-SEMIALDEHYDE + NADP(+) + PHOSPHATE = N-ACETYL-5-GLUTAMYL PHOSPHATE + NADPH].
Rv1690	lprJ	cell wall and cell processes	0,0056757	Unknown, Prokaryotic membrane lipoprotein lipid attachment site
Rv1733c		cell wall and cell processes	0,0122387	Unknown, PROBABLE CONSERVED TRANSMEMBRANE PROTEIN
Rv1738		conserved hypotheticals	9,038E-13	Unknown
Rv1779		cell wall and cell processes	0,0095015	Unknown, POSSIBLE INTEGRAL MEMBRANE PROTEIN
Rv1789	PPE26	PE/PPE	0,0321683	Unknown
Rv1847		conserved hypotheticals	0,0015892	Unknown
Rv1848	ureA	intermediary metabolism and respiration	9,038E-13	INVOLVED IN THE CONVERSION OF UREA TO NH3 [CATALYTIC ACTIVITY: UREA + H2O = CO2 + 2 NH3]
Rv1887		conserved hypotheticals	0,0080521	Unknown
Rv1989		conserved hypotheticals	9,038E-13	Unknown
Rv1996		virulence, detoxification, adaptation	6,268E-06	Unknown, UNIVERSAL STRESS PROTEIN FAMILY PROTEIN
Rv2005		virulence, detoxification, adaptation	3,155E-13	Unknown, Universal stress protein family
Rv2007	fdxA	intermediary metabolism and respiration	9,038E-13	Ferredoxin FdxA
Rv2030c		conserved hypotheticals	3,875E-10	Unknown

Rv2031c	hspX	virulence, detoxification, adaptation	9,038E-13	STRESS PROTEIN INDUCED BY ANOXIA. HAS A PROPOSED ROLE IN MAINTENANCE OF LONG-TERM VIABILITY DURING LATENT, ASYMPTOMATIC INFECTIONS
Rv2091c		cell wall and cell processes	5,67E-13	contains potential transmembrane region
Rv2376c	cfp2	cell wall and cell processes	0,0017017	FUNCTION NOT KNOWN (PUTATIVE SECRETED PROTEIN); CFP2
Rv2396	41	PE/PPE	0,0032543	Unknown
Rv2430c	PPE41	PE/PPE	1,733E-10	Unknown
Rv2431c	PE25	PE/PPE	4,56E-09	Unknown
Rv2477c		cell wall and cell processes intermediary metabolism and respiration	9,144E-13	THOUGHT TO BE INVOLVED IN ACTIVE TRANSPORT OF MACROLIDE ACROSS THE MEMBRANE (EXPORT):
Rv2584c	apt		8,014E-05	INVOLVED IN PURINE SALVAGE
Rv2586c	secF	cell wall and cell processes	0,0188785	INVOLVED IN PROTEIN EXPORT
Rv2623	TB31.7	virulence, detoxification, adaptation	9,038E-13	Unknown, UNIVERSAL STRESS PROTEIN FAMILY PROTEIN TB31.7
Rv2625c		cell wall and cell processes	1,444E-06	Unknown, PROBABLE CONSERVED TRANSMEMBRANE ALANINE AND LEUCINE RICH PROTEIN
Rv2626c	hrp1	conserved hypotheticals	9,038E-13	Unknown
Rv2627c		conserved hypotheticals	2,957E-06	Unknown
Rv2628		conserved hypotheticals	1,177E-05	Unknown
Rv2629		conserved hypotheticals	4,16E-08	Unknown
Rv2661c		conserved hypotheticals	0,0059828	Unknown
Rv2696c		conserved hypotheticals	9,038E-13	Unknown
Rv2697c	dut	intermediary metabolism and respiration	9,038E-13	INVOLVED IN BIOSYNTHESIS OF THYMIDYLATE, [CATALYTIC ACTIVITY: DUTP + H(2)O = DUMP + PYROPHOSPHATE]
Rv2718c	nrdR	regulatory proteins	0,0009962	PROBABLE TRANSCRIPTIONAL REGULATORY PROTEIN NRDR

Rv2760c	vapB42	virulence, detoxification, adaptation	0,0066982	Possible antitoxin
Rv2777c		conserved hypotheticals	0,0006216	Unknown
Rv2794c	pptT	lipid metabolism	8,327E-05	BIOSYNTHESIS OF FATTY ACIDS AND LIPIDS THOUGHT TO BE INVOLVED IN TRANSPORT OF UNDETERMINED SUBSTRATE
Rv2846c	efpA	cell wall and cell processes	0,0023339	(POSSIBLY DRUG) ACROSS THE MEMBRANE (EXPORT)
Rv2916c	ffh	cell wall and cell processes	0,0009962	NECESSARY FOR EFFICIENT EXPORT OF EXTRA-CYTOPLASMIC PROTEINS
Rv2931	ppsA	Lipid metabolism	0,0414317	DIM Biosintesis
Rv2995c	leuB	intermediary metabolism and respiration	6,543E-05	INVOLVED IN LEUCINE BIOSYNTHESIS, [CATALYTIC ACTIVITY: 3-CARBOXY-2-HYDROXY-4-METHYLPENTANOATE + NAD(+) = 3-CARBOXY-4-METHYL-2-OXOPENTANOATE + NADH
Rv2996c	serA1	intermediary metabolism and respiration	0,0188785	L-SERINE BIOSYNTHESIS [CATALYTIC ACTIVITY: 3-PHOSPHOGLYCERATE + NAD(+) = 3-PHOSPHOHYDROXYPYRUVATE + NADH].
Rv3001c	ilvC	intermediary metabolism and respiration	5,682E-12	INVOLVED IN VALINE AND ISOLEUCINE BIOSYNTHESIS, (R)-2,3-DIHYDROXY-3-METHYLBUTANOATE + NADP(+) = (S)-2-HYDROXY-2-METHYL-3-OXOBUTANOATE + NADPH].
Rv3002c	ilvN	intermediary metabolism and respiration	0,0139256	INVOLVED IN VALINE AND ISOLEUCINE BIOSYNTHESIS, [CATALYTIC ACTIVITY: 2-ACETOLACTATE + CO(2) = 2-PYRUVATE].
Rv3127		conserved hypotheticals	0,0032543	Unknown
Rv3130c	tgs1	lipid metabolism	2,073E-13	Triacylglycerol synthase
Rv3131		conserved hypotheticals	9,038E-13	unknown
Rv3133c	devR	regulatory proteins	6,543E-05	REGULATOR PART OF THE TWO COMPONENT REGULATORY SYSTEM DEV/DEV/DOST
Rv3134c		virulence, detoxification, adaptation	3,194E-10	UNIVERSAL STRESS PROTEIN FAMILY PROTEIN
Rv3207c		conserved hypotheticals	5,206E-06	Unknown
Rv3208A	TB9.4	conserved hypotheticals	0,0188785	Unknown

Rv3236c		cell wall and cell processes	0,0003346	PROBABLE CONSERVED INTEGRAL MEMBRANE TRANSPORT PROTEIN, possibly cation (Na/H) transporter
Rv3341	metA	intermediary metabolism and respiration	0,0001015	CATALYZES ACYLATION OF L-HOMOSERINE. INVOLVED IN BIOSYNTHESIS OF METHIONINE, [CATALYTIC ACTIVITY: ACETYL-CoA + L-HOMOSERINE = CoA + O-ACETYL-L-HOMOSERINE].
Rv3342		intermediary metabolism and respiration	0,0003731	CAUSES METHYLATION
Rv3371		lipid metabolism	0,0414317	MAY BE INVOLVED IN SYNTHESIS OF TRIACYLGLYCEROL
Rv3385c	VapB46	virulence, detoxification, adaptation	3,34E-05	Possible antitoxin
Rv3416	whiB3	regulatory proteins	0,0091346	TRANSCRIPTIONAL REGULATORY PROTEIN WHIB-LIKE WHIB3. CONTAINS [4FE-4S] CLUSTER.
Rv3477	PE31	PE/PPE	9,038E-13	Unknown
Rv3478	PPE60	PE/PPE	9,038E-13	Unknown
Rv3612c		conserved hypotheticals	0,0139256	Unknown
Rv3614c	espD	cell wall and cell processes	9,038E-13	ESX-1 SECRETION-ASSOCIATED PROTEIN ESPD
Rv3615c	espC	cell wall and cell processes	9,038E-13	ESX-1 SECRETION-ASSOCIATED PROTEIN ESPC
Rv3616c	espA	cell wall and cell processes	9,038E-13	ESX-1 SECRETION-ASSOCIATED PROTEIN A, ESPA
Rv3686c		conserved hypotheticals	3,255E-07	Unknown
Rv3704c	gshA	intermediary metabolism and respiration	0,0188785	INVOLVED IN GLUTATHIONE BIOSYNTHESIS

Genes under the control of the DosR regulon