

Table S5. The number of genes in each orthogroup for each species in Fig. 15.

Orthogroup	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari	Fusari
OG0000000	9	7	0	8	8	6	9	8	10	7	8	10	7	7	8	7	7	8	8	6	9	2
OG0000001	7	4	5	9	8	8	8	4	3	7	4	5	4	6	4	6	7	4	5	8	7	12
OG0000002	8	3	23	4	4	6	5	3	6	3	3	5	6	5	7	2	5	6	6	4	2	37
OG0000003	9	4	9	2	7	7	3	5	4	4	1	6	2	5	4	3	8	8	5	7	2	9
OG0000004	2	7	4	6	8	4	8	4	3	3	3	4	4	7	5	6	3	3	2	3	3	12
OG0000005	1	3	5	5	5	3	6	6	2	1	5	6	3	6	4	5	3	4	7	3	6	1
OG0000006	3	2	7	6	5	4	3	5	6	6	5	4	5	6	5	4	4	3	2	5	5	3
OG0000007	1	1	4	2	4	2	4	2	4	2	2	4	4	4	4	4	4	4	4	2	2	6
OG0000008	4	0	5	6	5	0	5	3	1	2	3	3	5	4	4	2	2	1	4	3	2	1
OG0000009	15	1	34	0	0	2	3	0	0	3	1	0	0	1	0	1	3	0	0	5	1	60
OG0000010	2	2	2	3	4	5	3	2	9	3	2	3	6	5	1	4	5	3	4	1	3	2
OG0000011	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	0
OG0000012	1	3	4	3	4	3	4	3	3	3	3	4	4	4	4	3	3	4	4	3	4	2
OG0000013	1	2	0	4	4	3	4	4	3	3	4	4	3	4	4	4	4	4	4	3	3	2
OG0000014	3	1	2	4	4	4	4	3	4	4	3	3	3	4	4	2	3	2	3	3	1	7
OG0000015	1	0	9	2	3	1	3	5	2	1	3	5	2	5	3	3	1	5	5	3	2	4
OG0000016	1	2	1	4	4	3	4	4	4	3	4	4	3	4	4	4	3	4	1	3	1	0
OG0000017	0	1	2	4	4	3	4	6	3	3	5	3	3	4	5	5	2	3	2	5	2	3
OG0000018	5	2	2	2	4	2	5	2	2	4	2	4	4	2	2	3	2	2	2	3	0	2
OG0000019	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	6	3	3	2	2	0
OG0000020	4	1	11	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3	1	1	24
OG0000021	1	2	2	3	3	2	3	3	3	3	3	3	2	3	3	3	3	3	2	3	2	2
OG0000022	1	5	2	1	2	2	2	3	3	2	2	2	0	3	2	1	2	1	2	4	3	8
OG0000023	0	2	3	4	2	3	2	4	2	2	5	2	3	3	2	2	4	3	2	3	3	3
OG0000024	1	2	3	3	3	3	3	2	3	2	2	2	2	3	3	2	2	2	2	3	2	2
OG0000025	3	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	11
OG0000026	1	1	2	2	4	1	5	3	3	1	3	1	1	2	2	1	3	2	2	3	0	8
OG0000027	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	2	2	1	2
OG0000028	2	2	1	2	2	3	2	1	2	2	1	2	2	2	2	2	2	2	2	3	3	1
OG0000029	2	2	2	2	2	2	2	2	2	3	4	2	2	2	2	2	2	2	2	2	3	2
OG0000030	2	3	3	2	3	3	3	1	3	2	1	3	3	3	2	2	3	3	2	2	2	1

OG0000097	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1
OG0000098	3	1	1	2	2	3	2	2	2	1	2	2	2	2	2	3	2	2	2	2	1	1
OG0000099	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
OG0000100	1	1	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
OG0000101	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2	1	1
OG0000102	2	2	3	2	3	2	2	1	1	2	1	1	2	2	2	1	2	1	1	1	2	1
OG0000103	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	1	2	1	1	1	3	2
OG0000104	0	0	4	2	2	2	2	2	0	2	1	2	1	2	2	1	2	2	2	2	3	2
OG0000105	3	0	3	2	2	2	2	1	2	1	1	1	2	2	2	1	2	0	2	1	2	3
OG0000106	3	2	3	1	1	1	1	2	2	1	3	2	1	1	1	3	1	2	4	2	1	1
OG0000107	3	0	0	2	3	3	3	3	3	2	2	3	3	3	3	2	3	3	3	3	0	0
OG0000108	3	2	2	2	1	1	1	1	2	1	1	2	2	1	1	2	1	1	3	2	1	2
OG0000109	2	1	1	2	2	2	2	2	2	2	2	2	1	3	2	2	3	2	1	3	1	0
OG0000110	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1
OG0000111	2	1	1	3	2	2	3	4	2	1	3	1	3	2	3	2	3	3	1	1	2	2
OG0000112	1	1	2	2	3	1	1	2	2	2	0	1	3	1	2	2	2	2	1	2	2	5
OG0000113	2	1	1	1	2	1	2	2	3	1	2	2	2	2	3	2	2	3	2	2	3	1
OG0000114	3	0	1	1	2	1	3	2	3	2	2	2	1	2	1	1	2	3	0	3	0	0
OG0000115	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
OG0000116	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2
OG0000117	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2
OG0000118	1	2	8	2	2	2	2	0	2	2	0	1	1	3	3	2	2	1	0	1	1	10
OG0000119	0	0	3	1	1	2	1	1	2	3	1	1	1	1	1	1	1	1	3	1	1	8
OG0000120	2	1	2	1	2	1	1	2	2	1	0	2	0	2	2	0	0	2	2	3	3	3
OG0000121	2	2	7	0	1	2	1	1	3	3	1	1	1	1	1	1	4	1	0	1	0	5
OG0000122	1	1	0	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1
OG0000123	2	2	1	2	2	2	2	2	2	2	1	2	2	3	3	2	2	2	2	1	1	2
OG0000124	0	1	3	1	1	2	2	1	1	1	1	1	5	1	3	3	0	3	2	2	2	18
OG0000125	2	1	1	2	2	2	2	2	2	2	2	1	2	1	2	1	2	1	2	2	1	1
OG0000126	1	1	1	1	2	3	2	1	2	2	1	1	2	2	2	1	2	1	2	1	3	1
OG0000127	3	1	12	1	1	1	1	1	2	1	1	2	1	1	1	1	1	2	1	1	1	18
OG0000128	1	1	1	3	4	2	5	0	1	2	0	1	2	1	2	0	1	1	1	2	2	1
OG0000129	0	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	1	1

OG0000130	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	
OG0000131	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1
OG0000132	2	1	2	2	2	2	3	2	1	2	2	1	2	2	1	2	2	1	2	2	2	2
OG0000133	1	2	3	1	2	1	3	0	1	2	0	1	0	2	1	1	0	1	1	2	1	10
OG0000134	1	3	3	2	2	1	2	1	1	1	1	1	1	2	2	1	1	1	2	2	0	0
OG0000135	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3
OG0000136	1	1	1	3	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	1
OG0000137	1	1	0	2	3	1	3	3	2	0	3	3	2	3	2	3	2	3	1	3	1	2
OG0000138	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2
OG0000139	1	2	1	2	3	1	3	1	2	2	1	2	1	2	2	3	2	2	2	3	1	2
OG0000140	0	2	0	1	3	1	3	2	1	1	2	2	1	3	3	1	1	1	3	2	2	1
OG0000141	14	4	2	1	2	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	0	0
OG0000142	2	2	1	2	2	1	2	1	2	2	1	2	1	2	1	2	2	1	1	1	1	1
OG0000143	1	2	1	2	2	2	2	1	2	1	1	2	2	2	2	1	3	2	2	2	2	1
OG0000144	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
OG0000145	1	1	3	1	1	2	1	1	2	2	1	2	2	1	1	1	2	2	2	2	2	2
OG0000146	1	1	0	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	1	2	0	1
OG0000147	0	1	5	1	1	0	1	2	1	0	1	2	1	3	3	0	2	2	2	2	1	6
OG0000148	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	1	2
OG0000149	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1
OG0000150	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	0	2
OG0000151	2	1	2	1	1	3	1	2	2	1	2	2	3	2	1	5	2	1	1	1	2	2
OG0000152	2	1	3	1	2	1	2	1	1	2	1	2	1	2	3	2	1	3	1	2	1	7
OG0000153	1	1	3	2	2	1	2	2	2	1	1	3	2	2	2	0	3	2	1	0	0	1
OG0000154	1	1	1	2	2	1	2	2	2	1	2	2	1	2	2	2	1	2	2	2	1	0
OG0000155	1	0	1	2	2	2	2	1	2	2	1	2	2	2	2	2	1	2	2	1	2	1
OG0000156	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	1	2	2	1	1	2	0
OG0000157	2	4	2	1	3	1	2	0	2	1	1	1	1	1	2	1	2	1	5	3	0	1
OG0000158	2	0	2	2	2	1	2	2	0	1	3	3	2	2	3	2	0	3	0	0	4	2
OG0000159	1	3	1	1	2	2	2	2	2	2	2	2	1	2	1	2	2	2	3	3	1	0
OG0000160	3	2	2	1	2	2	1	2	1	1	1	1	2	2	1	1	1	2	1	2	2	1
OG0000161	0	1	3	3	1	1	1	1	1	0	0	2	1	1	1	2	2	2	2	3	4	1
OG0000162	1	2	2	2	2	1	2	1	1	1	1	1	1	2	2	1	2	1	1	1	3	1

OG0000163	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
OG0000164	1	4	2	1	1	1	1	1	2	1	1	1	2	1	1	1	2	1	2	1	2	4
OG0000165	1	1	1	2	2	1	2	1	1	2	1	1	2	2	2	2	2	1	1	1	2	2
OG0000166	1	1	3	1	2	1	2	1	2	2	2	2	2	1	1	2	3	2	2	4	2	2
OG0000167	0	2	1	1	2	4	2	1	1	1	1	2	1	2	2	1	1	2	1	5	1	3
OG0000168	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1
OG0000169	2	2	2	1	1	1	1	1	2	1	1	3	2	2	0	1	1	3	0	1	2	1
OG0000170	0	0	2	2	2	2	2	1	2	2	1	2	2	2	2	1	2	3	1	2	0	2
OG0000171	2	1	2	1	2	2	2	1	2	2	1	1	1	1	1	2	2	2	1	2	1	1
OG0000172	1	2	1	3	2	2	2	3	2	2	3	2	1	4	3	2	1	1	1	2	1	0
OG0000173	4	3	1	2	1	1	2	1	1	1	1	2	1	1	2	1	1	1	1	0	1	8
OG0000174	2	1	1	2	2	1	2	2	4	1	2	2	1	2	1	1	1	3	1	1	2	0
OG0000175	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1
OG0000176	1	1	2	2	2	2	2	1	1	2	2	2	1	2	2	1	1	2	1	2	2	1
OG0000177	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1
OG0000178	3	0	0	3	3	3	2	3	1	0	2	2	2	3	3	2	2	2	1	2	0	2
OG0000179	2	2	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
OG0000180	1	1	1	1	2	2	2	1	3	2	1	1	2	2	2	1	2	2	2	1	1	1
OG0000181	4	2	1	1	3	2	3	2	2	3	2	1	2	1	1	0	2	1	0	2	5	1
OG0000182	2	4	7	0	2	0	1	0	0	0	0	0	0	2	2	1	0	0	2	0	2	7
OG0000183	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
OG0000184	2	1	1	0	1	1	1	1	1	0	0	2	2	1	1	0	2	2	1	1	1	1
OG0000185	2	0	10	1	2	2	2	2	0	0	2	0	2	0	0	0	1	1	3	1	1	8
OG0000186	2	2	2	1	1	1	2	1	1	1	1	2	1	1	2	1	1	2	1	1	2	1
OG0000187	1	2	3	3	1	2	1	1	0	1	1	0	0	0	0	0	3	1	4	2	3	3
OG0000188	1	1	1	1	1	2	1	1	2	2	1	2	2	2	2	1	1	1	2	1	1	3
OG0000189	3	3	0	2	3	2	2	2	2	3	2	2	2	2	2	1	3	2	1	2	1	0
OG0000190	1	1	3	2	2	2	2	2	2	2	1	2	2	2	3	2	2	3	2	3	3	0
OG0000191	1	2	1	1	1	1	1	2	2	2	2	1	2	0	1	1	2	1	1	1	1	3
OG0000192	4	0	1	4	2	2	2	1	2	3	1	3	0	1	1	2	1	3	2	1	1	0
OG0000193	1	1	0	2	2	2	2	1	2	2	1	2	2	2	2	1	2	2	1	2	0	2
OG0000194	1	2	2	1	3	1	3	1	2	1	1	1	3	3	1	1	1	2	2	2	2	1
OG0000195	1	1	2	2	1	1	1	2	2	2	1	1	2	1	1	1	2	2	2	1	2	1

OG0000196	0	1	2	2	2	1	2	2	2	1	2	2	1	2	2	2	3	2	2	2	1	1
OG0000197	4	1	0	2	2	1	1	2	3	2	1	2	1	2	2	2	1	1	1	1	3	0
OG0000198	1	1	4	1	1	0	2	1	0	1	1	1	1	1	1	1	1	1	1	1	3	3
OG0000199	2	2	1	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	1	1	1	1
OG0000200	1	1	0	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	1	1
OG0000201	3	1	1	1	1	2	1	1	1	1	0	1	0	4	1	1	1	4	0	4	0	5
OG0000202	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	2	0
OG0000203	1	1	2	2	1	2	1	3	1	2	1	2	1	2	2	1	1	2	1	0	1	1
OG0000204	1	1	2	1	2	1	2	1	1	1	1	1	1	3	3	0	1	1	1	1	1	0
OG0000205	2	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
OG0000206	2	1	7	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	10
OG0000207	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	1	1
OG0000208	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	2	2	2	2	1	3	2
OG0000209	0	1	1	2	2	1	2	2	2	2	2	2	1	2	2	2	0	2	2	0	1	1
OG0000210	1	2	2	1	2	2	2	2	2	1	1	1	1	1	2	1	2	1	1	1	2	2
OG0000211	2	2	1	1	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	1	2
OG0000212	1	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
OG0000213	0	0	8	0	3	1	4	0	2	0	0	0	1	0	0	3	1	0	0	0	0	32
OG0000214	2	1	2	1	2	2	2	2	2	0	2	2	2	2	2	1	2	2	2	1	1	2
OG0000215	2	2	2	1	2	2	1	1	1	1	1	2	2	1	2	1	2	2	1	1	1	2
OG0000216	2	1	3	1	2	1	2	2	1	1	0	2	1	1	1	1	1	2	2	2	1	1
OG0000217	1	0	2	1	1	1	1	1	1	3	2	1	1	2	2	1	1	1	1	1	2	2
OG0000218	1	1	4	1	0	0	0	2	1	2	0	1	1	2	0	1	1	2	1	0	2	2
OG0000219	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
OG0000220	0	1	2	1	3	2	2	2	2	1	2	2	1	1	2	1	2	1	2	3	0	1
OG0000221	2	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
OG0000222	1	1	0	2	1	2	2	2	1	2	2	2	1	2	2	2	2	1	2	1	1	0
OG0000223	1	2	1	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1
OG0000224	1	2	1	2	1	2	1	2	1	2	2	1	1	1	1	1	2	2	1	1	1	1
OG0000225	4	2	2	1	2	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2
OG0000226	3	2	2	1	1	1	1	1	1	2	1	1	1	1	1	0	2	1	1	1	1	2
OG0000227	2	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1
OG0000228	0	1	2	1	1	0	1	1	2	1	1	0	2	1	1	2	2	2	3	2	1	0

OG0000229	1	2	1	1	1	2	2	2	2	1	1	1	2	2	2	1	1	2	1	2	2	2
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OG0010299	1	1	1	0	1	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0
OG0010300	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0
OG0010301	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0
OG0010302	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
OG0010303	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	0	0
OG0010304	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1
OG0010305	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1
OG0010306	1	1	1	0	1	1	1	1	1	0	0	1	0	1	1	0	1	1	1	1	1	1
OG0010307	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
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OG0010309	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0
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OG0010311	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
OG0010312	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1
OG0010313	0	1	1	0	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	0
OG0010314	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OG0010315	0	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	0	0	0
OG0010316	0	0	1	2	1	1	1	1	1	1	1	1	2	2	0	2	1	2	0	0	0	0
OG0010317	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0
OG0010318	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010319	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
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OG0010325	0	0	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010326	0	0	0	1	1	1	1	1	1	1	1	3	1	3	1	0	3	1	1	1	0	0

OG0010327	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	0
OG0010328	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010329	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	0	0
OG0010330	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010331	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0
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OG0010333	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	0
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OG0010337	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1
OG0010338	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0010339	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0
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OG0010341	1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	1	1	1	1
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OG0010395	2	1	1	1	1	0	0	0	0	1	0	0	0	1	0	1	2	0	1	0	1
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OG0010397	1	0	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	0
OG0010398	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
OG0010399	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	0	1	1	1	2
OG0010400	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
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OG0010402	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	2	1	1	1	1	0
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OG0010411	1	1	0	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0	0	1	0
OG0010412	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
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OG0010416	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	2
OG0010417	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1
OG0010418	1	0	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0
OG0010419	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1	1	0	1	0
OG0010420	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	0	1	1	1
OG0010421	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0
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OG0010428	0	1	0	1	1	1	1	0	0	1	1	3	1	1	1	1	0	2	1	1	0	0
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OG0010430	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010431	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010432	0	0	6	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	0
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OG0010434	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010435	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
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OG0010437	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0
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OG0010439	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010440	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	3	0
OG0010441	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010442	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	0	2	
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OG0010446	0	0	0	0	1	1	0	1	0	0	0	1	2	1	0	0	1	1	1	1	1	1
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OG0010494	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
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OG0010501	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	0
OG0010502	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0
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OG0010509	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0
OG0010510	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OG0010511	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1
OG0010512	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	0	0	2
OG0010513	0	1	1	1	1	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	1	1
OG0010514	0	1	1	0	1	1	1	0	1	0	0	1	0	1	1	0	1	1	1	1	0	0
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OG0010519	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010520	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0
OG0010521	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1
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OG0010523	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
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OG0010562	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0010563	0	1	1	0	1	1	1	1	2	0	0	1	2	1	1	0	1	1	1	1	0	1
OG0010564	0	1	1	0	0	1	0	1	1	1	0	0	1	0	0	0	1	1	1	1	0	1
OG0010565	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	0
OG0010566	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	1	2	2
OG0010567	0	0	1	1	3	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0
OG0010568	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0
OG0010569	0	0	4	0	1	0	1	1	0	0	1	0	1	1	0	1	0	0	1	0	3	2
OG0010570	0	0	1	1	0	0	0	1	0	1	1	0	1	1	0	1	1	1	0	0	1	1
OG0010571	0	0	1	1	1	1	1	0	0	1	0	1	1	1	0	1	0	1	1	0	1	1
OG0010572	0	0	2	1	1	1	1	0	0	1	0	1	1	1	0	1	0	1	1	0	1	0
OG0010573	0	0	4	1	1	1	1	0	1	1	0	0	1	1	1	0	1	1	0	0	0	2
OG0010574	0	0	0	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	0	1	0
OG0010575	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	0	0
OG0010576	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010577	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010578	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0
OG0010579	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
OG0010580	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	0	1
OG0010581	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010582	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0
OG0010583	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0010584	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1
OG0010585	1	0	1	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	0	0	0
OG0010586	1	0	1	0	1	1	1	1	1	0	0	1	1	1	1	0	1	0	1	1	1	1
OG0010587	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0
OG0010588	2	0	0	0	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	0
OG0010589	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0010590	1	0	0	1	0	2	0	0	1	1	0	1	1	1	0	1	0	1	0	1	0	0

OG0010591	1	0	2	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0010592	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	0	1	1
OG0010593	1	1	1	0	1	0	1	1	1	0	0	1	0	1	0	0	1	1	1	1	1	1
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OG0010595	1	0	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1
OG0010596	2	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	0	1	0
OG0010597	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0
OG0010598	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010599	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
OG0010600	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0010601	0	1	1	0	0	1	0	0	1	0	1	0	0	1	0	0	0	1	1	1	1	1
OG0010602	0	1	1	0	1	1	1	0	1	0	0	1	1	1	1	0	0	1	1	1	0	0
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OG0010604	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0
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OG0010606	0	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	0
OG0010607	0	0	2	0	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	0	0	0
OG0010608	0	0	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0
OG0010609	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0
OG0010610	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0
OG0010611	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010612	0	0	2	2	1	0	1	2	0	0	1	0	0	2	2	1	2	0	1	2	0	0
OG0010613	0	0	2	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0
OG0010614	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010615	0	0	0	1	2	1	2	1	1	1	1	1	1	1	2	1	2	1	1	0	0	0
OG0010616	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
OG0010617	0	0	0	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	0	0
OG0010618	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
OG0010619	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	6
OG0010620	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010621	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0
OG0010622	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	0
OG0010623	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

OG0010657	1	1	0	1	1	1	1	1	0	1	2	1	0	1	2	0	1	1	1	1	0	1
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OG0010659	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0
OG0010660	1	2	1	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	1	1	1	2
OG0010661	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010662	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0010663	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	0
OG0010664	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0
OG0010665	1	1	0	0	0	0	1	1	0	1	1	0	0	1	0	0	1	1	0	0	1	2
OG0010666	1	1	0	1	1	1	1	1	1	0	1	1	0	1	0	1	0	0	1	1	1	0
OG0010667	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0
OG0010668	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
OG0010669	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	0
OG0010670	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1
OG0010671	1	1	1	0	0	1	0	0	1	0	0	1	1	1	1	0	0	0	1	1	0	1
OG0010672	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010673	0	1	0	1	1	0	1	0	1	1	1	1	0	1	0	1	1	0	1	0	0	0
OG0010674	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1
OG0010675	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0
OG0010676	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	1	0	1	1	1	0	0
OG0010677	0	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1	1	0	1	2
OG0010678	0	1	1	1	1	0	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1
OG0010679	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	0	1	1	1
OG0010680	0	0	1	1	2	0	1	0	2	0	0	0	1	2	1	2	3	2	0	0	1	0
OG0010681	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010682	0	0	2	0	1	0	1	0	0	1	0	0	0	1	1	0	0	1	1	1	0	5
OG0010683	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0
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OG0010685	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
OG0010686	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
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OG0010692	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	
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OG0010694	1	0	0	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1	0	1	0	0
OG0010695	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0
OG0010696	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010697	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
OG0010698	1	1	0	0	1	1	1	0	1	1	0	0	0	1	1	0	1	0	1	1	1	0
OG0010699	1	1	0	0	1	0	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0	2
OG0010700	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1
OG0010701	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1	0	0
OG0010702	1	1	0	0	1	1	0	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1
OG0010703	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010704	1	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	0	1	0	1
OG0010705	2	1	1	0	0	2	0	2	0	0	0	1	0	1	0	0	0	1	1	1	0	1
OG0010706	1	1	1	0	0	0	1	0	1	0	0	1	1	1	1	0	1	1	1	1	0	0
OG0010707	1	1	1	0	0	1	0	0	2	1	0	0	2	0	0	0	1	1	1	0	1	1
OG0010708	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
OG0010709	0	1	0	1	0	1	0	0	1	1	0	0	0	0	0	1	1	1	0	1	2	0
OG0010710	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0
OG0010711	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0
OG0010712	0	1	2	1	0	1	1	1	1	1	1	1	1	1	1	0	1	2	0	0	0	0
OG0010713	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	0	0	0	1
OG0010714	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010715	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	2	1	1	1	0
OG0010716	0	0	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	0
OG0010717	0	0	1	0	1	1	0	1	1	0	0	1	1	1	0	0	1	1	0	1	1	1
OG0010718	0	0	1	0	1	1	1	0	2	0	0	1	1	1	1	0	1	0	1	0	0	1
OG0010719	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
OG0010720	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	10
OG0010721	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
OG0010722	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0

OG0010789	1	1	1	0	1	1	1	1	1	0	0	1	0	1	1	0	0	1	1	1	1	1
OG0010790	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010791	2	3	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0
OG0010792	2	1	0	0	1	0	1	0	1	1	0	1	1	0	0	1	0	1	1	1	1	0
OG0010793	1	1	0	0	0	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1
OG0010794	2	0	0	1	1	1	1	1	1	1	0	0	2	0	1	0	1	1	1	0	0	0
OG0010795	1	1	0	0	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0	1	2	1
OG0010796	0	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0
OG0010797	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	0	1	1	1	0
OG0010798	0	2	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0
OG0010799	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
OG0010800	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	1
OG0010801	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0
OG0010802	0	0	1	0	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0
OG0010803	0	0	2	0	0	1	0	0	0	2	0	0	1	0	0	0	2	0	1	2	1	1
OG0010804	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0
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OG0010806	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1
OG0010807	0	0	0	1	1	1	1	1	0	1	1	2	0	1	1	0	1	1	1	1	1	0
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OG0010809	0	0	0	1	1	1	1	1	1	1	0	1	1	0	1	0	2	1	1	1	0	0
OG0010810	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
OG0010811	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0
OG0010812	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0010813	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0
OG0010814	0	0	0	0	1	1	1	2	1	0	1	1	1	1	1	2	0	1	1	0	2	0
OG0010815	0	0	0	0	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0
OG0010816	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0
OG0010817	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	0
OG0010818	1	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	1
OG0010819	1	1	1	1	1	0	1	0	1	0	1	0	0	1	1	1	1	0	1	1	0	1
OG0010820	1	1	1	0	1	1	1	0	0	1	0	1	1	1	1	0	0	1	1	0	1	0
OG0010821	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

OG0010855	0	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	2	2	0	0	0
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OG0010861	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0
OG0010862	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	0
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OG0010865	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0
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OG0010872	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0
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OG0010919	1	0	0	1	0	1	0	1	1	0	1	1	1	1	0	1	1	1	1	0	0	0	
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OG0010963	0	2	0	1	1	0	1	1	1	0	2	1	0	1	1	1	1	0	0	1	0	0
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OG0010965	0	0	1	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0
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OG0010995	0	0	1	3	1	0	1	1	1	0	1	0	0	1	1	0	0	0	2	0	0	1
OG0010996	0	0	0	1	0	1	0	2	0	0	1	0	1	1	0	0	0	0	0	0	3	0
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OG0011002	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	0	0
OG0011003	0	0	0	1	0	1	0	1	1	0	1	1	1	0	0	1	1	1	2	1	0	0
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OG0011010	1	2	0	1	1	0	1	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0
OG0011011	1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1
OG0011012	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
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OG0011015	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0
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OG0011017	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011018	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OG0011019	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0

OG0011053	2	1	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	1	0	1	0	0
OG0011054	1	1	1	0	0	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	1
OG0011055	1	0	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
OG0011056	1	1	0	0	1	1	1	1	1	1	0	1	1	0	1	0	1	0	0	1	0	0
OG0011057	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	1	0	0
OG0011058	1	0	0	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1	0	0	0
OG0011059	1	0	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	1	2	2
OG0011060	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0011061	1	1	1	0	1	0	1	1	1	0	0	1	1	0	1	0	1	1	0	1	1	0
OG0011062	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011063	2	1	1	0	0	0	0	2	0	0	1	0	1	0	0	0	1	0	0	0	0	1
OG0011064	1	0	1	0	1	0	1	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0
OG0011065	1	0	0	0	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	0
OG0011066	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011067	1	0	0	1	1	0	1	1	0	1	1	1	0	1	1	0	0	1	1	1	1	0
OG0011068	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	1	0	1	0	0
OG0011069	1	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	2	2
OG0011070	1	1	2	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0
OG0011071	0	2	0	0	0	0	0	2	0	0	2	0	0	0	2	0	2	0	1	0	0	0
OG0011072	0	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1
OG0011073	0	2	1	1	1	0	1	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0
OG0011074	0	1	0	1	1	1	1	0	1	0	0	1	0	1	1	0	1	1	1	0	0	0
OG0011075	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1
OG0011076	0	1	1	0	0	1	0	1	0	1	1	0	1	0	0	0	1	0	1	0	0	0
OG0011077	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011078	0	2	0	1	1	0	1	1	1	0	1	2	0	1	1	1	1	0	0	0	0	0
OG0011079	0	1	0	1	2	0	1	0	1	0	1	1	0	1	1	1	2	0	0	1	0	0
OG0011080	0	0	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0
OG0011081	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	0	0	1	0	1	1	0
OG0011082	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	0	1	1	1	1	1	0
OG0011083	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	1	0	1	1	1	0	1
OG0011084	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
OG0011085	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	0	0

OG0011086	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0	0
OG0011087	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0
OG0011088	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0
OG0011089	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	0	0
OG0011090	0	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0
OG0011091	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0
OG0011092	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1	1	0	0
OG0011093	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	0	1
OG0011094	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011095	5	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
OG0011096	1	1	1	0	1	1	1	1	1	0	0	1	1	0	0	0	1	0	1	1	1	1
OG0011097	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
OG0011098	1	0	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
OG0011099	1	0	0	0	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0
OG0011100	2	1	1	0	1	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0
OG0011101	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1	1	0	0
OG0011102	1	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0
OG0011103	1	1	1	1	1	0	1	1	0	0	1	1	0	2	1	0	0	1	1	0	0	1
OG0011104	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011105	2	1	2	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
OG0011106	1	1	0	0	1	1	1	0	1	0	0	0	1	0	1	0	0	0	1	1	0	1
OG0011107	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
OG0011108	2	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
OG0011109	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011110	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011111	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011112	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1
OG0011113	0	1	0	0	0	1	0	1	1	0	1	1	1	0	0	1	1	1	2	1	1	0
OG0011114	0	0	1	1	0	0	0	0	1	1	1	1	1	0	1	0	1	0	1	1	0	0
OG0011115	0	0	1	1	1	0	1	1	0	1	1	2	0	1	1	1	1	1	1	0	1	0
OG0011116	0	0	1	1	0	0	0	1	1	0	0	1	0	1	1	0	0	1	1	0	0	1
OG0011117	0	0	1	0	1	1	1	1	1	0	0	0	1	0	0	0	1	1	0	1	1	0
OG0011118	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

OG0011119	0	0	0	1	0	0	0	0	1	2	2	0	0	0	0	1	0	1	0	1	1	0	
OG0011120	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0011121	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
OG0011122	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	
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OG0011125	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0
OG0011126	0	0	0	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	0	
OG0011127	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	
OG0011128	0	0	0	1	1	0	0	1	0	0	0	1	0	1	1	0	1	1	1	1	0	0	
OG0011129	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	0	
OG0011130	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	
OG0011131	0	0	0	0	2	1	2	2	1	0	0	1	1	1	1	1	1	2	0	0	0	0	
OG0011132	0	0	0	0	1	0	1	1	0	0	1	1	0	1	1	0	0	0	1	1	0	2	
OG0011133	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	
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OG0011135	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	2	0	
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OG0011138	1	2	1	0	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0	
OG0011139	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OG0011140	1	1	0	0	1	0	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	0	
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OG0011142	1	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1	0	0	
OG0011143	1	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	1	0	0	
OG0011144	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0011145	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	
OG0011146	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	
OG0011147	0	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	1	1	0	0	
OG0011148	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	0	1	0	0	1	0	
OG0011149	0	1	1	0	1	1	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	0	
OG0011150	0	0	1	1	1	0	1	1	1	1	1	0	0	2	0	0	1	0	0	1	1	0	
OG0011151	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	2	

OG0011152	0	0	1	1	0	1	0	0	1	1	0	0	1	0	0	1	1	1	1	0	1	0
OG0011153	0	0	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0
OG0011154	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0011155	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0
OG0011156	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	0	0
OG0011157	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	1	0	0	0
OG0011158	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	0	0
OG0011159	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0
OG0011160	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
OG0011161	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	1	0	1	1	0	1
OG0011162	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	2	0	0	1	0	0
OG0011163	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1	0	1	1	0	1	0
OG0011164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011165	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0
OG0011166	1	1	0	1	1	0	1	1	0	0	1	0	0	1	0	0	0	0	1	1	2	1
OG0011167	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	1	1	0	2
OG0011168	3	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	1	10
OG0011169	1	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0
OG0011170	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	0	0	0	0	0	1	1
OG0011171	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0011172	1	0	1	1	1	0	1	1	1	1	0	1	0	1	0	0	0	0	0	1	0	1
OG0011173	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	0	2
OG0011174	1	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0
OG0011175	1	0	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0	1	0	0	0
OG0011176	1	0	0	1	1	0	1	1	1	1	0	1	0	1	1	0	1	0	1	0	0	0
OG0011177	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
OG0011178	0	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	1	0	0	0	1
OG0011179	0	1	0	0	1	0	0	1	1	0	0	1	1	1	0	0	1	1	1	0	0	0
OG0011180	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011181	0	1	0	1	1	0	0	0	0	1	0	1	0	1	0	2	0	0	0	1	0	0
OG0011182	0	1	1	1	0	1	0	1	0	2	1	0	1	0	0	0	0	0	1	1	1	0
OG0011183	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	0	0	1	1	1	0	1
OG0011184	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0

OG0011185	0	1	0	0	1	0	0	1	1	0	0	1	0	1	0	0	0	1	0	0	0	1
OG0011186	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
OG0011187	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	1
OG0011188	0	0	1	2	1	1	0	0	1	0	0	0	0	2	2	0	0	0	0	0	0	0
OG0011189	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	0	0
OG0011190	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	0	0	1	1	1	0	0
OG0011191	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	0
OG0011192	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	1	0	1	0	0
OG0011193	0	0	0	0	2	0	2	1	1	1	1	1	0	2	2	2	1	1	0	0	0	0
OG0011194	0	0	0	0	1	1	1	0	1	2	0	1	0	0	1	0	1	0	1	1	1	0
OG0011195	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	2
OG0011196	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
OG0011197	1	1	1	0	1	1	1	0	1	0	0	1	1	1	1	0	0	1	1	0	0	1
OG0011198	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011199	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0
OG0011200	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
OG0011201	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011202	1	0	1	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	1	0
OG0011203	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0011204	1	0	0	1	1	1	1	1	0	2	1	1	1	0	1	1	1	1	0	1	0	0
OG0011205	1	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	0	0	1
OG0011206	3	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
OG0011207	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	1	1	0
OG0011208	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011209	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0
OG0011210	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011211	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011212	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0
OG0011213	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1	0	1	1	0	0	1
OG0011214	0	1	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	0	0
OG0011215	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
OG0011216	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011217	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	0

OG0011218	0	0	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	
OG0011219	0	0	0	1	2	1	2	0	1	1	0	0	1	2	1	0	1	1	1	0	0	0
OG0011220	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0
OG0011221	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	0
OG0011222	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	1	0	1	1	0	0	0
OG0011223	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0
OG0011224	0	0	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	0	0	0	1
OG0011225	0	0	0	0	1	2	1	2	1	1	1	0	1	0	0	0	1	0	0	1	0	0
OG0011226	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0
OG0011227	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	0	0
OG0011228	0	0	0	0	1	2	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	4
OG0011229	1	1	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
OG0011230	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011231	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OG0011232	2	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	0	0	0	0
OG0011233	2	1	0	1	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	1	0
OG0011234	1	0	0	1	1	0	1	1	1	0	1	0	2	1	1	1	1	0	1	0	0	0
OG0011235	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011236	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	1
OG0011237	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011238	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0011239	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3
OG0011240	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
OG0011241	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011242	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0
OG0011243	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1
OG0011244	1	1	0	1	2	2	2	0	0	0	0	1	0	1	1	0	0	2	1	0	1	0
OG0011245	2	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0
OG0011246	1	1	2	0	1	0	1	0	1	1	0	1	1	1	1	0	0	1	0	0	0	0
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OG0011248	0	2	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
OG0011249	0	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3
OG0011250	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1

OG0011251	0	1	0	0	1	1	1	0	1	1	0	0	1	1	1	0	1	0	0	0	0	1
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OG0011254	0	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0
OG0011255	0	1	0	2	1	1	1	0	1	0	0	1	1	1	1	0	0	1	0	0	0	0
OG0011256	0	1	0	1	1	1	1	1	0	1	1	0	0	2	1	0	0	1	1	1	0	0
OG0011257	0	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0011258	0	1	0	0	1	1	0	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0
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OG0011260	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	1	1	1	0
OG0011261	0	0	1	0	1	1	0	0	1	0	0	1	1	1	1	1	0	1	1	1	2	0
OG0011262	0	0	1	0	1	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	1	0
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OG0011264	0	0	1	1	1	1	1	0	0	0	0	1	0	1	1	1	0	0	1	1	0	0
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OG0011266	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0
OG0011267	0	0	0	1	2	1	2	0	0	0	0	0	0	2	2	1	0	2	0	1	0	0
OG0011268	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	0	0
OG0011269	0	0	0	2	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	4
OG0011270	0	0	0	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	0	0	1
OG0011271	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
OG0011272	0	0	0	0	0	1	0	1	1	1	1	0	1	0	1	1	0	1	1	1	0	0
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OG0011274	2	2	0	0	0	1	0	0	0	2	0	0	1	0	0	0	0	1	0	1	0	0
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OG0011276	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0011277	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
OG0011278	1	0	0	0	1	1	1	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0
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OG0011280	1	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0	0
OG0011281	2	1	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0	1	0
OG0011282	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
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OG0011286	1	0	0	2	0	0	0	1	1	1	2	0	0	0	2	1	0	1	0	2	0	
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OG0011300	0	0	0	1	1	0	1	1	1	0	1	2	0	1	2	0	1	1	0	1	0	
OG0011301	0	0	0	1	1	0	1	1	1	0	1	1	0	0	1	1	0	1	2	2	0	
OG0011302	0	0	0	1	1	0	1	0	1	0	0	1	0	1	1	1	1	0	0	1	0	
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OG0011306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OG0011307	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	
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OG0011309	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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OG0011311	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	
OG0011312	1	0	0	0	1	1	1	0	0	0	0	1	0	1	1	0	0	1	0	1	1	
OG0011313	1	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	0	
OG0011314	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
OG0011315	1	0	1	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	
OG0011316	1	0	0	1	1	0	1	0	1	0	0	1	0	1	1	1	1	1	0	1	1	

OG0011350	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011351	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011352	1	0	0	1	1	1	1	0	1	1	0	0	1	1	1	0	0	1	0	1	0	0
OG0011353	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011354	2	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0
OG0011355	1	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0
OG0011356	1	0	0	1	1	0	1	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0
OG0011357	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0011358	0	1	0	0	0	1	0	1	1	0	0	1	0	1	0	0	1	0	1	1	1	0
OG0011359	0	2	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1
OG0011360	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	0
OG0011361	0	1	1	0	0	1	0	0	0	2	0	0	1	0	0	0	1	0	0	1	1	0
OG0011362	0	1	0	0	0	2	1	1	0	0	1	0	1	1	1	0	0	1	1	1	0	0
OG0011363	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0011364	0	0	1	1	1	0	1	0	0	0	0	1	0	1	1	0	0	1	0	0	1	0
OG0011365	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	1	0
OG0011366	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
OG0011367	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0
OG0011368	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OG0011369	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	0
OG0011370	0	0	0	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0	0	1	0
OG0011371	0	0	0	1	1	1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	1	0
OG0011372	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0
OG0011373	0	0	0	1	1	1	1	1	0	2	1	0	1	1	1	1	0	0	0	1	0	0
OG0011374	0	0	0	0	1	0	2	2	0	0	0	0	0	0	2	0	1	1	0	1	1	0
OG0011375	0	0	0	0	1	0	1	0	0	0	0	1	0	1	1	0	0	1	1	1	0	1
OG0011376	0	0	0	0	0	1	0	0	1	1	0	1	1	1	1	0	0	1	1	1	0	0
OG0011377	2	2	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0
OG0011378	2	2	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0
OG0011379	1	2	0	0	0	1	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0
OG0011380	1	1	0	0	1	0	1	0	1	0	0	0	0	1	1	0	1	0	0	1	1	1
OG0011381	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011382	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

OG0011449	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011450	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	11
OG0011451	0	0	0	1	1	0	1	0	1	0	0	1	1	0	0	0	1	1	1	0	1
OG0011452	0	0	0	1	1	0	1	0	1	1	0	1	1	1	1	0	0	1	0	0	1
OG0011453	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	1
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OG0011456	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1	0	1	1	1	0	0
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OG0011458	0	0	0	0	1	2	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0
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OG0011460	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	2	1	1	0
OG0011461	0	0	0	0	1	1	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0
OG0011462	0	0	0	0	1	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	1
OG0011463	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	0
OG0011464	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0
OG0011465	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0011466	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1
OG0011467	2	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0
OG0011468	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
OG0011469	2	1	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0
OG0011470	1	1	0	1	0	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
OG0011471	2	0	1	0	0	1	0	0	1	0	0	1	1	1	1	0	1	0	0	1	0
OG0011472	3	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0
OG0011473	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011474	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	6
OG0011475	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011476	0	2	1	0	0	0	1	0	1	0	0	0	0	0	0	3	1	0	1	0	0
OG0011477	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011478	0	2	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0
OG0011479	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011480	0	1	1	0	1	0	0	1	1	0	0	0	1	1	1	0	0	1	0	0	0
OG0011481	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0

OG0011482	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1
OG0011483	0	0	1	0	1	1	1	0	1	0	0	1	1	1	1	0	1	1	0	1	0	0
OG0011484	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	0	
OG0011485	0	0	1	0	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	
OG0011486	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	1	0	
OG0011487	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
OG0011488	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
OG0011489	0	0	0	1	1	0	1	0	0	1	0	1	1	1	0	0	0	1	0	1	0	0
OG0011490	0	0	0	1	1	0	1	1	0	0	1	0	1	1	2	2	0	0	0	2	0	0
OG0011491	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	1	0	1	1	1	0	0
OG0011492	0	0	0	0	1	0	1	1	1	0	1	1	0	1	0	1	0	1	1	0	0	0
OG0011493	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	0
OG0011494	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	1	0	0
OG0011495	0	0	0	0	1	0	1	0	1	0	0	0	1	1	1	0	1	1	1	0	2	0
OG0011496	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	1	0	0	0
OG0011497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011498	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011499	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011500	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0011501	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011502	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
OG0011503	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011504	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011505	1	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0
OG0011506	1	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
OG0011507	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OG0011508	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011509	1	0	0	0	1	0	1	0	1	0	0	1	0	1	1	0	0	1	1	0	0	0
OG0011510	1	0	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0	1	0
OG0011511	1	0	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0	1	0
OG0011512	4	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0
OG0011513	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
OG0011514	1	1	0	1	1	0	1	0	0	0	0	1	0	1	1	0	0	1	0	0	1	0

OG0011515	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0011516	5	2	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	2
OG0011517	1	0	0	0	2	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
OG0011518	1	0	1	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	1	0	1	0
OG0011519	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011520	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011521	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011522	0	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0	1	0	0
OG0011523	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OG0011524	0	0	1	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	1	0	1	0
OG0011525	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011526	0	0	1	0	1	1	1	0	1	0	0	1	1	0	1	0	1	1	0	0	0	0
OG0011527	0	0	3	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0
OG0011528	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
OG0011529	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011530	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
OG0011531	0	0	1	0	0	1	0	1	0	0	0	1	1	0	0	0	1	1	1	0	1	0
OG0011532	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5
OG0011533	0	0	0	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	0	1	0	0
OG0011534	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0
OG0011535	0	0	0	1	0	0	0	0	0	1	1	0	1	0	1	1	0	0	1	0	1	0
OG0011536	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	0
OG0011537	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	1	2	1	0	0
OG0011538	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1
OG0011539	0	0	0	0	1	1	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	0
OG0011540	0	0	0	0	1	1	1	0	1	1	0	0	1	1	0	0	0	1	1	1	0	1
OG0011541	0	0	0	0	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	0
OG0011542	0	0	0	0	1	1	1	1	0	1	1	0	1	1	1	0	0	1	0	0	0	0
OG0011543	0	0	0	0	1	1	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0
OG0011544	0	0	0	0	1	0	1	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0
OG0011545	0	0	0	0	1	1	1	2	1	0	0	1	1	1	1	0	0	1	0	0	0	0
OG0011546	0	0	0	0	0	1	1	0	1	1	0	1	1	0	1	0	1	1	1	1	0	0
OG0011547	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0

OG0011548	0	0	0	0	0	1	0	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0
OG0011549	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0011550	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	2	0	0	0	0
OG0011551	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
OG0011552	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011553	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011554	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011555	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011556	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011557	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011558	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1
OG0011559	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011560	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
OG0011561	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011562	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
OG0011563	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0011564	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0
OG0011565	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
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OG0011567	1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011568	1	1	1	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	1	0
OG0011569	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
OG0011570	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0
OG0011571	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011572	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0011573	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
OG0011574	1	1	0	1	1	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0
OG0011575	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
OG0011576	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011577	0	1	0	0	1	1	0	1	1	0	1	0	1	0	0	0	1	0	0	1	0	0
OG0011578	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	1	1
OG0011579	0	1	0	0	1	1	1	1	1	0	0	1	1	0	1	0	1	1	1	1	0	0
OG0011580	0	0	1	1	1	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0

OG0011614	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1
OG0011615	0	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	0	0	0	0
OG0011616	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011617	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011618	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0011619	0	0	1	0	1	1	1	1	1	0	1	0	1	1	1	0	1	1	0	1	0	0
OG0011620	0	0	1	0	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0
OG0011621	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
OG0011622	0	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
OG0011623	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011624	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011625	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	2	1	1	0	1	0	0
OG0011626	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0
OG0011627	0	0	0	1	1	1	1	0	1	1	0	0	1	1	1	0	1	0	0	0	0	0
OG0011628	0	0	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0	0	0
OG0011629	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	4	0
OG0011630	0	0	0	0	1	1	1	1	1	0	0	1	1	0	1	0	1	1	0	1	1	0
OG0011631	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0
OG0011632	0	0	0	0	1	1	1	0	1	1	0	1	0	1	1	1	0	0	0	0	1	0
OG0011633	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1	0	1	1	0	1	0	0
OG0011634	0	0	0	0	1	0	1	0	0	0	1	0	1	0	1	0	1	1	1	1	0	0
OG0011635	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	1
OG0011636	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011638	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011639	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011640	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011641	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0011642	1	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1
OG0011643	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0011644	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	16
OG0011645	1	0	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	1	0	0	0
OG0011646	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0

OG0011647	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011648	1	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8
OG0011649	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011650	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011651	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
OG0011652	0	1	0	0	1	1	1	1	0	0	0	1	0	1	1	0	0	0	0	1	0	0
OG0011653	0	1	0	0	1	0	1	1	1	0	0	0	0	1	1	0	0	0	1	1	0	0
OG0011654	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011655	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	1
OG0011656	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011657	0	0	1	0	1	0	0	1	0	0	0	1	0	1	1	0	1	1	0	0	0	1
OG0011658	0	0	3	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0
OG0011659	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011660	0	0	1	0	0	0	1	1	0	0	1	0	0	0	1	1	0	1	0	0	1	0
OG0011661	0	0	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	1	0	1
OG0011662	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
OG0011663	0	0	0	1	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	1	0
OG0011664	0	0	0	1	1	1	1	0	0	1	0	0	0	1	1	0	1	0	1	0	0	0
OG0011665	0	0	0	1	1	0	1	0	1	1	0	0	0	1	1	0	0	1	0	0	1	0
OG0011666	0	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0	0	0
OG0011667	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0
OG0011668	0	0	0	0	1	1	1	1	1	0	0	1	0	1	1	2	1	1	0	0	0	0
OG0011669	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	1	0	1	0	0	0	0
OG0011670	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	1	1	0	1
OG0011671	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0
OG0011672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011673	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0011674	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
OG0011675	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0011676	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	1	1
OG0011677	2	0	1	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	1	2	0	0
OG0011678	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OG0011679	2	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	4

OG0011812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011815	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0
OG0011816	1	0	8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0011817	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011818	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011819	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011820	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011821	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011822	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011823	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011824	1	0	0	0	1	0	1	0	1	0	0	1	0	1	1	0	1	1	1	1	0
OG0011825	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011826	3	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0	2
OG0011827	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	2
OG0011828	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	1
OG0011829	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011830	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011831	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0011832	1	0	0	0	1	1	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1
OG0011833	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0
OG0011834	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0011835	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011836	1	2	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0
OG0011837	0	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0
OG0011838	0	1	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
OG0011839	0	1	0	1	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0
OG0011840	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0011841	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011842	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0
OG0011843	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0011844	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1

OG0011845	0	0	2	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0
OG0011846	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	1	0
OG0011847	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011848	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0011849	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4
OG0011850	0	0	1	1	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0011851	0	0	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0011852	0	0	0	1	1	1	1	1	0	0	1	0	1	1	0	0	0	0	1	1	1	0
OG0011853	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	0	1	1	1	0	0	0
OG0011854	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	0	1	1	1	0	0	0
OG0011855	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	0	1	1	1	0	0	0
OG0011856	0	0	0	1	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0	1	0	0
OG0011857	0	0	0	1	1	0	1	1	0	0	1	0	0	1	1	0	0	0	1	0	1	1
OG0011858	0	0	0	1	1	0	1	1	0	0	1	0	0	1	1	0	0	0	1	0	1	1
OG0011859	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0
OG0011860	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0
OG0011861	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0
OG0011862	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0
OG0011863	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
OG0011864	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0
OG0011865	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0
OG0011866	0	0	0	0	1	0	1	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0011867	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	0	1	0	0	1	0	0
OG0011868	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	0	1	0	0	0
OG0011869	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	1	0	2	1	0	0
OG0011870	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0
OG0011871	0	0	0	0	0	0	0	0	1	1	0	0	1	2	0	1	0	0	0	0	0	1
OG0011872	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0
OG0011873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011874	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0011875	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011876	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011877	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1

OG0011878	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011879	1	1	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0011880	1	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0011881	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0011882	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OG0011883	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	0	1
OG0011884	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	0	1
OG0011885	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011886	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OG0011887	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
OG0011888	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0
OG0011889	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011890	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0011891	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011892	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0011893	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011894	0	1	0	1	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	1	0	0
OG0011895	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0
OG0011896	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
OG0011897	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1
OG0011898	0	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	0	0	0	1	0
OG0011899	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0011900	0	0	1	0	0	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0
OG0011901	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	0	0
OG0011902	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	0	1	0	0	1	0
OG0011903	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
OG0011904	0	0	1	1	0	0	0	0	1	1	0	1	0	1	0	0	1	1	0	0	0	0
OG0011905	0	0	1	1	1	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0
OG0011906	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
OG0011907	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
OG0011908	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011909	0	0	11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011910	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0

OG0011911	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
OG0011912	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
OG0011913	0	0	0	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	
OG0011914	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	
OG0011915	0	0	0	1	1	0	1	0	0	0	1	0	1	1	0	1	1	1	0	0	0	
OG0011916	0	0	0	1	1	0	1	0	1	0	0	0	2	1	0	0	1	1	1	0	0	
OG0011917	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	
OG0011918	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	1	0	1	0	0	1	
OG0011919	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	0	1	0	0	2	0
OG0011920	0	0	0	1	0	1	0	1	0	0	0	1	0	1	0	1	1	0	1	0	0	
OG0011921	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	1	0	1	0	0	0	
OG0011922	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0
OG0011923	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	
OG0011924	0	0	0	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1	0	0	0
OG0011925	0	0	0	0	1	1	1	1	0	1	0	1	0	1	1	0	0	1	0	0	0	0
OG0011926	0	0	0	0	1	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0
OG0011927	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	0	0	1	0	0	0
OG0011928	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	
OG0011929	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0
OG0011930	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
OG0011931	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	2
OG0011932	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0
OG0011933	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	1	0	1
OG0011934	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011935	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011937	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011939	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0011940	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0011941	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0011942	1	0	1	0	1	1	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1
OG0011943	2	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0

OG0012076	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012077	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012078	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0012079	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012080	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012081	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012082	1	0	0	0	1	1	0	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0
OG0012083	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012084	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012085	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012086	1	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0
OG0012087	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012088	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012089	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OG0012090	2	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
OG0012091	1	0	0	1	1	1	1	0	1	0	0	1	0	1	1	1	1	0	0	1	0	0
OG0012092	1	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	1	0	0	1	0	0
OG0012093	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012094	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0
OG0012095	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	1	0	0	0
OG0012096	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0012097	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012098	0	1	0	1	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0
OG0012099	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012100	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0012101	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012102	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012103	0	0	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	0
OG0012104	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0012105	0	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012106	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012107	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
OG0012108	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0

OG0012142	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012143	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	
OG0012144	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
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OG0012148	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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OG0012154	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
OG0012155	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OG0012156	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
OG0012157	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	
OG0012158	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
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OG0012162	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
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OG0012164	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
OG0012165	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	
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OG0012167	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
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OG0012170	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
OG0012171	0	0	0	1	1	0	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	
OG0012172	0	0	0	1	1	0	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	
OG0012173	0	0	0	1	1	0	1	0	0	0	1	0	1	1	1	0	1	0	0	0	0	
OG0012174	0	0	0	1	1	0	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	

OG0012274	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012275	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
OG0012276	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0012277	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
OG0012278	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
OG0012279	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012280	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
OG0012281	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
OG0012282	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0
OG0012283	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0
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OG0012286	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0
OG0012287	0	0	0	0	1	0	1	0	1	0	0	1	0	1	0	1	1	0	1	1	0	0
OG0012288	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
OG0012289	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
OG0012290	0	0	0	0	0	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	0
OG0012291	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
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OG0012293	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
OG0012294	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
OG0012295	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012296	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012297	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012298	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012299	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0
OG0012300	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0
OG0012301	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	1	0	1	0	0	0	0
OG0012302	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0	0
OG0012303	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	1	1	0	0	0
OG0012304	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	1	0	0
OG0012305	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0
OG0012306	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	0

OG0012307	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	1	1	0	0
OG0012308	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0012309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
OG0012310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
OG0012311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
OG0012312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012321	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012323	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012326	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
OG0012327	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012328	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0012329	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012330	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
OG0012331	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012332	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012333	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012334	3	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
OG0012335	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012336	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012337	1	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0
OG0012338	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012339	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

OG0012340	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0
OG0012341	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012342	1	0	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0012343	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012344	2	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0
OG0012345	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0012346	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
OG0012347	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0012348	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0012349	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6
OG0012350	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
OG0012351	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012352	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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OG0012356	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0012357	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012358	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012359	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
OG0012360	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0012361	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
OG0012362	0	0	1	0	1	0	1	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0
OG0012363	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012364	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0012365	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012366	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
OG0012367	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
OG0012368	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012369	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0012370	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012371	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0
OG0012372	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0

OG0012406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012407	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012409	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012410	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
OG0012411	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012412	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012413	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012414	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012415	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0012416	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	1	0	0
OG0012417	1	1	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
OG0012418	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
OG0012419	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
OG0012420	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
OG0012421	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012422	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012423	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
OG0012424	1	0	0	0	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
OG0012425	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	8
OG0012426	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012427	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012428	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0
OG0012429	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012430	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012431	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012432	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012433	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012434	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012435	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
OG0012436	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012437	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012438	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0

OG0012439	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012440	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012441	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012442	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012443	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012444	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012445	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1
OG0012446	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012447	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012448	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012449	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012450	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012451	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012452	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
OG0012453	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0012454	0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5
OG0012455	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012456	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
OG0012457	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0
OG0012458	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0
OG0012459	0	0	0	1	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
OG0012460	0	0	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
OG0012461	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0
OG0012462	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
OG0012463	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0012464	0	0	0	0	1	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0
OG0012465	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1
OG0012466	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
OG0012467	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0012468	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0012469	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
OG0012470	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0
OG0012471	0	0	0	0	0	1	0	1	1	0	0	0	1	0	1	0	0	1	1	0	1	0

OG0012505	1	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0
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OG0012507	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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OG0012510	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0012511	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012512	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012513	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012514	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
OG0012515	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012516	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012517	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012518	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012519	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0012520	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012521	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012522	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012523	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
OG0012524	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
OG0012525	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012526	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012527	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012528	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0
OG0012529	0	1	1	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012530	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0012531	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0
OG0012532	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012533	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012534	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012535	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012536	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0012537	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0

OG0012769	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0012770	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0012771	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4
OG0012772	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012773	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012774	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
OG0012775	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012776	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0012777	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012778	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0012779	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0012780	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
OG0012781	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0012782	0	0	0	1	0	0	0	0	1	0	1	1	0	1	1	0	1	0	0	1	0	0
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OG0012784	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012785	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0012786	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
OG0012787	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	1	0	0
OG0012788	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0
OG0012789	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0
OG0012790	0	0	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0
OG0012791	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
OG0012792	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
OG0012793	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
OG0012794	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0
OG0012795	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0012796	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0012797	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0
OG0012798	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0012799	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0012800	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
OG0012801	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0

OG0013033	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
OG0013034	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0013035	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013036	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013037	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013038	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013039	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013040	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OG0013041	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
OG0013042	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013043	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013044	0	0	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013045	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013046	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013047	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013048	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013049	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0013050	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013051	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0013052	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
OG0013053	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013054	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013055	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
OG0013056	0	0	0	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0
OG0013057	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0
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OG0013059	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013060	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013061	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
OG0013062	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013063	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
OG0013064	0	0	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0013065	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0

OG0013066	0	0	0	0	1	0	1	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0
OG0013067	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0
OG0013068	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
OG0013069	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013070	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
OG0013071	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0
OG0013072	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013073	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0
OG0013074	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013075	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013076	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0013077	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
OG0013078	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0
OG0013079	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0
OG0013080	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
OG0013081	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013082	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0
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OG0013084	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013085	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013086	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0
OG0013087	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
OG0013088	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
OG0013089	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
OG0013090	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013091	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0
OG0013092	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013093	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
OG0013094	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0
OG0013095	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013096	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
OG0013097	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013098	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0

OG0013165	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013166	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013167	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013168	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013169	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013170	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013171	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013172	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013173	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013174	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OG0013175	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013176	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013177	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013178	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0
OG0013179	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013180	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013181	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013182	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013183	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013184	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013185	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013186	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OG0013187	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
OG0013188	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013189	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013190	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013191	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0013192	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013193	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013194	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013195	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013196	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013197	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0

OG0013231	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013232	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013233	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013234	0	0	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0013235	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OG0013236	0	0	0	1	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0
OG0013237	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0
OG0013238	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013239	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0
OG0013240	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0
OG0013241	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
OG0013242	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0
OG0013243	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0
OG0013244	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
OG0013245	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0
OG0013246	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
OG0013247	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0013248	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0
OG0013249	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
OG0013250	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013251	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013252	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013253	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0
OG0013254	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0
OG0013255	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1
OG0013256	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0013257	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0013258	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013259	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	1	0
OG0013260	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0
OG0013261	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0
OG0013262	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0013263	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0

OG0013693	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013694	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
OG0013695	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0013696	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013697	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0
OG0013698	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013699	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0
OG0013700	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0013701	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0
OG0013702	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
OG0013703	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013704	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013705	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0
OG0013706	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013707	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0013708	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013709	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
OG0013710	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013711	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
OG0013712	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0013713	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0
OG0013714	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0013715	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
OG0013716	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
OG0013717	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0013718	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0
OG0013719	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
OG0013720	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013721	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
OG0013722	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0013723	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0013724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0013725	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

OG0013924	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013925	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0013926	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013927	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013928	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0013929	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0013930	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0013931	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013932	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013933	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0013934	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013935	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
OG0013936	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
OG0013937	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013938	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013939	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
OG0013940	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OG0013941	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013942	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013943	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013944	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
OG0013945	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013946	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013947	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013948	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013949	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0013950	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013951	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013952	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0013953	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013954	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0
OG0013955	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0013956	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0

OG0013990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0013991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
OG0013992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
OG0013993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
OG0013994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0013995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0013997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
OG0013998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
OG0013999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
OG0014000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
OG0014008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OG0014010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
OG0014011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

OG0014254	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014255	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0014256	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0014257	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0014258	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014259	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014260	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014261	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0014262	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014263	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014264	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OG0014265	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014266	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014267	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014268	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014269	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014270	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0014271	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0014272	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0014273	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014274	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
OG0014275	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OG0014276	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014277	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014278	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014279	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0014280	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014281	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014282	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014283	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014284	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014285	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0014286	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0

OG0014287	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014288	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0014289	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
OG0014290	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014291	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
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OG0014293	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014294	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0014295	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014296	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0014297	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014298	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OG0014299	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0014300	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0014301	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0014302	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0014303	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OG0014304	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0
OG0014305	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0
OG0014306	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014307	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014308	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014309	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014310	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0
OG0014311	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0014312	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014313	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
OG0014314	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0014315	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0014316	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0014317	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0
OG0014318	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
OG0014319	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0

OG0014320	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OG0014321	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
OG0014322	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
OG0014323	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
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OG0014325	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OG0014326	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
OG0014327	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0
OG0014328	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
OG0014329	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
OG0014330	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
OG0014331	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
OG0014332	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
OG0014333	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0014334	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0014335	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
OG0014336	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
OG0014337	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
OG0014338	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0014339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0014340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
OG0014341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
OG0014342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0014343	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
OG0014344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0014345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
OG0014347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014348	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
OG0014350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
OG0014351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014352	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

OG0014782	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0014783	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0014784	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0014785	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
OG0014786	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
OG0014787	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
OG0014788	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0
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OG0014791	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0
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OG0014795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
OG0014796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OG0014797	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014798	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OG0014799	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OG0014800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0014801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
OG0014802	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014803	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
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OG0014810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014811	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OG0014814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

OG0015376	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
OG0015377	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
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OG0015380	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0015381	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
OG0015382	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
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OG0015387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OG0015388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
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OG0015392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OG0015393	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
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Fusari Fusari

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Fusari Fusari

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