



Figure S1. Contribution of each locus within the core, soft-core and accessory genome to correct host assignment in self-attribution of chicken and ruminant isolates of *C. jejuni*. Each circle represents the contribution of one locus to identify correctly the original host of isolates from chicken (A) and ruminant (B). Loci are ordered according to their contribution to host assignment in the different populations to have an overall representation of host-segregating power of loci within the core, soft-core and accessory genomes. The dashed line represents the threshold of 60% of correct self-attribution used for the selection of candidates as host-segregating markers.

Table S1. Description of the 884 sequenced isolates of *C. jejuni* used in the study

Identifier	Strain name	Population	Source	Country	Year of isolation	Sequence type ^a	Clonal complex ^b	Reference	Accession numbers
4	CAMP45	chicken	chicken offal or meat	UK	2005	ST 45	ST-45 complex	Yahara et al 2016	-
14	CAMP2381	environment	environmental waters	New Zealand	-	ST 2381	-	Sheppard et al 2013	-
22	CAMP2488	chicken	chicken	UK	2001	ST 257	ST-257 complex	Sheppard et al 2013	-
32	CampsClin11	human	human unspecified	UK	2005	ST 11	ST-45 complex	Yahara et al 2016	-
34	CampsClin262	human	human unspecified	UK	2005	ST 262	ST-21 complex	Yahara et al 2016	-
36	CampsClin266	human	human unspecified	UK	2006	ST 266	ST-21 complex	Yahara et al 2016	-
37	CampsClin883	human	human unspecified	UK	2006	ST 883	ST-21 complex	Yahara et al 2016	-
39	chick2219	chicken	chicken offal or meat	UK	2005	ST 2219	ST-45 complex	Yahara et al 2016	-
40	chicka21	chicken	chicken offal or meat	UK	2006	ST 21	ST-21 complex	Yahara et al 2016	-
45	chick594	chicken	chicken offal or meat	UK	2006	ST 583	ST-45 complex	Yahara et al 2016	-
54	chick267	chicken	chicken offal or meat	UK	2005	ST 267	ST-283 complex	Yahara et al 2016	-
55	CampsClin230	human	human unspecified	UK	2006	ST 230	ST-45 complex	Yahara et al 2016	-
57	chick2213	chicken	chicken offal or meat	UK	2005	ST 334	ST-45 complex	Yahara et al 2016	-

60	CampsClin53	human	human unspecified	UK	2005	ST 53	ST-21 complex	Yahara et al 2016	-
63	chickc21	chicken	chicken offal or meat	UK	2006	ST 21	ST-21 complex	Yahara et al 2016	-
64	chick25	chicken	chicken offal or meat	UK	2006	ST 814	ST-661 complex	Yahara et al 2016	-
65	chick104	chicken	chicken offal or meat	UK	2006	ST 104	ST-21 complex	Yahara et al 2016	-
66	chick353	chicken	chicken	UK	2009	ST 353	ST-353 complex	Yahara et al 2016	-
67	chickb354	chicken	chicken	UK	2009	ST 354	ST-354 complex	Yahara et al 2016	-
68	chick573	chicken	chicken	UK	2009	ST 573	ST-573 complex	Sheppard et al 2013	-
69	chick2568	chicken	chicken	UK	2009	ST 2568	ST-661 complex	Sheppard et al 2013	-
70	chickc45	chicken	chicken	UK	2009	ST 45	ST-45 complex	Yahara et al 2016	-
71	chick19	chicken	chicken	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-
72	chick50	chicken	chicken	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-
73	chick53	chicken	chicken	UK	2009	ST 53	ST-21 complex	Yahara et al 2016	-
74	chick262	chicken	chicken	UK	2009	ST 262	ST-21 complex	Yahara et al 2016	-
75	chick266	chicken	chicken	UK	2009	ST 266	ST-21 complex	Yahara et al 2016	-
77	chick1086	chicken	chicken	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-
78	chick1360	chicken	chicken	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-

79	chick11	chicken	chicken	UK	2009	ST 11	ST-45 complex	Yahara et al 2016	-
80	chick137	chicken	chicken	UK	2009	ST 2030	ST-257 complex	Yahara et al 2016	-
81	chick1003	chicken	chicken	UK	2009	ST 1003	ST-45 complex	Yahara et al 2016	-
82	chick2048	chicken	chicken	UK	2009	ST 45	ST-45 complex	Yahara et al 2016	-
83	chick2197	chicken	chicken	UK	2009	ST 354	ST-354 complex	Yahara et al 2016	-
84	chick2223	chicken	chicken	UK	2009	ST 45	ST-45 complex	Yahara et al 2016	-
104	cow3214	ruminant	cattle	UK	2003	ST 45	ST-45 complex	Sheppard et al 2013	-
105	chick354	chicken	chicken	UK	2004	ST 257	ST-257 complex	Yahara et al 2016	-
106	chick51	chicken	chicken	UK	2005	ST 51	ST-443 complex	Yahara et al 2016	-
107	chick1079	chicken	chicken	UK	2004	ST 1079	ST-573 complex	Sheppard et al 2013	-
108	chick574	chicken	chicken	UK	2004	ST 574	ST-574 complex	Yahara et al 2016	-
109	chick814	chicken	chicken	UK	2004	ST 814	ST-661 complex	Sheppard et al 2013	-
110	chickb21	chicken	chicken	UK	2003	ST 21	ST-21 complex	Yahara et al 2016	-
111	chickb45	chicken	chicken	UK	2004	ST 45	ST-45 complex	Yahara et al 2016	-
112	chickd45	chicken	chicken	UK	2004	ST 45	ST-45 complex	Yahara et al 2016	-
113	chick883	chicken	chicken	UK	2004	ST 883	ST-21 complex	Yahara et al 2016	-

114	chick230	chicken	chicken	UK	2004	ST 230	ST-45 complex	Yahara et al 2016	-
115	chick2663	chicken	chicken offal or meat	UK	2006	ST 2663	ST-45 complex	Yahara et al 2016	-
117	OxClina21	human	human unspecified	UK	2003	ST 21	ST-21 complex	Yahara et al 2016	-
119	OxClina45	human	human unspecified	UK	2003	ST 45	ST-45 complex	Yahara et al 2016	-
122	starling177	environment	starling	UK	-	ST 177	ST-177 complex	Sheppard et al 2013	-
123	starling682	environment	starling	UK	-	ST 682	ST-682 complex	Sheppard et al 2013	-
124	starling45	environment	starling	UK	-	ST 45	ST-45 complex	Sheppard et al 2013	-
125	starling1020	environment	starling	UK	-	ST 1020	ST-682 complex	Sheppard et al 2013	-
126	goose1033	environment	goose	UK	-	ST 1033	ST-1034 complex	Sheppard et al 2013	-
128	goose137	environment	goose	UK	-	ST 137	ST-45 complex	Sheppard et al 2013	-
129	goose696	environment	goose	UK	-	ST 696	ST-1332 complex	Sheppard et al 2013	-
130	duck702	environment	duck	UK	-	ST 702	ST-702 complex	Sheppard et al 2013	-
131	duck45	environment	duck	UK	-	ST 45	ST-45 complex	Sheppard et al 2013	-
172	Cj129-258	ruminant	cattle	USA	-	ST 459	ST-42 complex	Sheppard et al 2013	-
173	Cj51494	chicken	poultry	USA	-	ST 4834	ST-353 complex	Sheppard et al 2013	-
174	CjLMG23216	chicken	poultry	Belgium	-	ST 4835	-	Sheppard et al 2013	-

175	CjLMG23218	chicken	poultry	Belgium	-	ST 48	ST-48 complex	Sheppard et al 2013	-
176	CjLMG23223	chicken	poultry	Belgium	-	ST 791	-	Sheppard et al 2013	-
177	CjLMG23263	chicken	poultry	Bosnia	-	ST 3504	ST-446 complex	Sheppard et al 2013	-
178	Cj60004	chicken	poultry	USA	-	ST 4836	-	Sheppard et al 2013	-
180	CjLMG23269	chicken	poultry	Belgium	-	ST 4837	ST-353 complex	Sheppard et al 2013	-
181	Cj55037	chicken	poultry	USA	-	ST 45	ST-45 complex	Sheppard et al 2013	-
182	CjLMG9879	human	human unspecified	Canada	-	ST 47	ST-21 complex	Yahara et al 2016	-
183	Cj86605	chicken	poultry	USA	-	ST 4840	ST-48 complex	Sheppard et al 2013	-
185	CjATCC33560 T	ruminant	cattle	Belgium	-	ST 403	ST-403 complex	Sheppard et al 2013	-
186	CjLMG9081	human	human unspecified	South America	-	ST 52	ST-52 complex	Yahara et al 2016	-
187	Cj53161	chicken	poultry	USA	-	ST 4838	ST-353 complex	Sheppard et al 2013	-
188	CjLMG9217	human	human unspecified	Belgium	-	ST 443	ST-443 complex	Yahara et al 2016	-
189	Cj2008-1025	human	human unspecified	France	-	ST 50	ST-21 complex	Yahara et al 2016	-
195	Cj2008-831	human	human unspecified	France	-	ST 50	ST-21 complex	Yahara et al 2016	-
196	Cj1997-4	human	human unspecified	USA	-	ST 475	ST-48 complex	Yahara et al 2016	-
200	Cj1997-14	human	human unspecified	USA	-	ST 5159	ST-353 complex	Yahara et al 2016	-

201	Cj51037	chicken	poultry	USA	-	ST 939	ST-353 complex	Sheppard et al 2013	-
202	Cj110-21	ruminant	cattle	USA	-	ST 982	ST-21 complex	Sheppard et al 2013	-
203	Cj87330	chicken	poultry	USA	-	ST 50	ST-21 complex	Sheppard et al 2013	-
204	Cj87459	chicken	poultry	USA	-	ST 452	ST-353 complex	Sheppard et al 2013	-
205	Cj140-16	ruminant	cattle	USA	-	ST 5161	ST-61 complex	Sheppard et al 2013	-
206	Cj1213	ruminant	cattle	USA	-	ST 132	ST-508 complex	Sheppard et al 2013	-
208	Cj1798	ruminant	cattle	USA	-	ST 61	ST-61 complex	Sheppard et al 2013	-
209	Cj1854	ruminant	cattle	USA	-	ST 922	-	Sheppard et al 2013	-
210	Cj1893	ruminant	cattle	USA	-	ST 38	ST-48 complex	Sheppard et al 2013	-
211	Cj1928	ruminant	cattle	USA	-	ST 806	ST-21 complex	Sheppard et al 2013	-
213	Cj23210	chicken	poultry	Belgium	-	ST 380	-	Sheppard et al 2013	-
214	CjLMG23211	chicken	poultry	Belgium	-	ST 220	ST-179 complex	Sheppard et al 2013	-
252	Cj_283	chicken	chick	UK	-	ST 267	ST-283 complex	Sheppard et al 2014	-
254	Hn129	human	human stool	UK	2003	ST 19	ST-21 complex	Yahara et al 2016	-
255	Hn30	human	human stool	UK	2003	ST 50	ST-21 complex	Yahara et al 2016	-
256	Hn39	human	human stool	UK	2003	ST 53	ST-21 complex	Yahara et al 2016	-

257	Hn4	human	human stool	UK	2003	ST 104	ST-21 complex	Yahara et al 2016	-
258	Hn123	human	human stool	UK	2003	ST 262	ST-21 complex	Yahara et al 2016	-
259	Hn4503	human	human stool	UK	2009	ST 19	ST-21 complex	Yahara et al 2016	-
260	Hn4249	human	human stool	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-
261	Hn4075	human	human stool	UK	2009	ST 104	ST-21 complex	Yahara et al 2016	-
262	Hn3817	human	human stool	UK	2008	ST 262	ST-21 complex	Yahara et al 2016	-
268	13257	human	human stool	UK	1999	ST 45	ST-45 complex	Yahara et al 2016	-
269	13258	ruminant	lamb offal or meat	UK	1998	ST 48	ST-48 complex	Sheppard et al 2014	-
271	13260	ruminant	lamb offal or meat	UK	1998	-	-	Sheppard et al 2014	-
273	13262	environment	sand (bathing beach)	UK	1994	ST 177	ST-177 complex	Sheppard et al 2014	-
275	13264	human	human stool	UK	1999	ST 257	ST-257 complex	Yahara et al 2016	-
276	13265	human	human stool	UK	1991	ST 354	ST-354 complex	Yahara et al 2016	-
278	SS_060	chicken	carcass swab	UK	2008	ST 4468	ST-661 complex	Yahara et al 2016	-
280	SS_068	chicken	carcass swab	UK	2008	ST 449	-	Yahara et al 2016	-
281	SS_069	chicken	carcass swab	UK	2008	ST 574	ST-574 complex	Yahara et al 2016	-
283	SS_077	chicken	carcass swab	UK	2008	ST 48	ST-48 complex	Yahara et al 2016	-

285	SS_092	chicken	carcass swab	UK	2008	ST 353	ST-353 complex	Yahara et al 2016	-
286	SS_121	chicken	carcass swab	UK	2008	ST 2030	ST-257 complex	Yahara et al 2016	-
288	SS_133	chicken	carcass swab	UK	2008	ST 137	ST-45 complex	Yahara et al 2016	-
290	SS_153	chicken	carcass swab	UK	2008	ST 21	ST-21 complex	Yahara et al 2016	-
295	SS_174	chicken	carcass swab	UK	2008	ST 3895	ST-353 complex	Yahara et al 2016	-
298	SS_199	chicken	carcass swab	UK	2008	ST 4454	-	Yahara et al 2016	-
299	SS_202	chicken	carcass swab	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
300	SS_204	chicken	carcass swab	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
301	SS_208	chicken	carcass swab	UK	2008	ST 464	ST-464 complex	Yahara et al 2016	-
302	SS_210	chicken	carcass swab	UK	2008	ST 1489	ST-354 complex	Yahara et al 2016	-
303	SS_214	chicken	carcass swab	UK	2008	ST 48	ST-48 complex	Yahara et al 2016	-
304	SS_216	chicken	carcass swab	UK	2008	ST 51	ST-443 complex	Yahara et al 2016	-
306	SS_223	chicken	carcass swab	UK	2008	ST 702	ST-702 complex	Yahara et al 2016	-
308	SS_242	chicken	carcass swab	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
309	SS_249	chicken	carcass swab	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
311	SS_256	chicken	carcass swab	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-

312	SS_257	chicken	carcass swab	UK	2008	ST 583	ST-45 complex	Yahara et al 2016	-
315	SS_300	chicken	carcass swab	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
317	SS_307	chicken	carcass swab	UK	2008	ST 775	ST-52 complex	Yahara et al 2016	-
320	SS_313	chicken	carcass swab	UK	2008	ST 19	ST-21 complex	Yahara et al 2016	-
321	SS_315	chicken	carcass swab	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
323	SS_320	chicken	carcass swab	UK	2008	ST 607	ST-607 complex	Yahara et al 2016	-
324	SS_322	chicken	carcass swab	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
325	SS_002	ruminant	cattle	UK	2006	ST 19	ST-21 complex	Yahara et al 2016	-
329	SS_063	chicken	caecal sample	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
330	SS_065	chicken	caecal sample	UK	2008	ST 2030	ST-257 complex	Yahara et al 2016	-
331	SS_066	chicken	caecal sample	UK	2008	ST 2135	ST-21 complex	Yahara et al 2016	-
334	SS_071	chicken	caecal sample	UK	2009	ST 267	ST-283 complex	Yahara et al 2016	-
336	SS_079	chicken	caecal sample	UK	2008	ST 2030	ST-257 complex	Yahara et al 2016	-
337	SS_081	chicken	caecal sample	UK	2008	ST 574	ST-574 complex	Yahara et al 2016	-
339	SS_084	chicken	caecal sample	UK	2007	ST 775	ST-52 complex	Yahara et al 2016	-
340	SS_086	chicken	caecal sample	UK	2009	ST 257	ST-257 complex	Yahara et al 2016	-

342	SS_091	chicken	caecal sample	UK	2009	ST 583	ST-45 complex	Yahara et al 2016	-
344	SS_100	chicken	caecal sample	UK	2009	ST 3895	ST-353 complex	Yahara et al 2016	-
345	SS_105	chicken	caecal sample	UK	2008	ST 3009	ST-433 complex	Yahara et al 2016	-
347	SS_107	chicken	caecal sample	UK	2008	ST 48	ST-48 complex	Yahara et al 2016	-
348	SS_110	chicken	caecal sample	UK	2009	ST 464	ST-464 complex	Yahara et al 2016	-
349	SS_113	chicken	caecal sample	UK	2009	ST 573	ST-573 complex	Yahara et al 2016	-
351	SS_116	chicken	caecal sample	UK	2009	ST 2135	ST-21 complex	Yahara et al 2016	-
355	SS_123	chicken	caecal sample	UK	2009	ST 257	ST-257 complex	Yahara et al 2016	-
356	SS_128	chicken	caecal sample	UK	2007	-	-	Yahara et al 2016	-
357	SS_131	chicken	caecal sample	UK	2008	ST 4460	ST-661 complex	Yahara et al 2016	-
359	SS_139	chicken	caecal sample	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
360	SS_141	chicken	caecal sample	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
364	SS_147	chicken	caecal sample	UK	2009	ST 863	ST-607 complex	Yahara et al 2016	-
365	SS_149	chicken	caecal sample	UK	2007	ST 2314	ST-1034 complex	Yahara et al 2016	-
367	SS_152	chicken	caecal sample	UK	2009	ST 2786	ST-661 complex	Yahara et al 2016	-
368	SS_154	chicken	caecal sample	UK	2009	ST 48	ST-48 complex	Yahara et al 2016	-

369	SS_158	chicken	caecal sample	UK	2007	ST 1408	ST-433 complex	Yahara et al 2016	-
370	SS_167	chicken	caecal sample	UK	2009	ST 21	ST-21 complex	Yahara et al 2016	-
371	SS_169	chicken	caecal sample	UK	2009	ST 137	ST-45 complex	Yahara et al 2016	-
372	SS_170	chicken	caecal sample	UK	2008	ST 4452	-	Yahara et al 2016	-
373	SS_171	chicken	caecal sample	UK	2009	ST 2314	ST-1034 complex	Yahara et al 2016	-
374	SS_172	chicken	caecal sample	UK	2009	ST 353	ST-353 complex	Yahara et al 2016	-
375	SS_173	chicken	caecal sample	UK	2009	ST 574	ST-574 complex	Yahara et al 2016	-
376	SS_175	chicken	caecal sample	UK	2008	ST 21	ST-21 complex	Yahara et al 2016	-
378	SS_177	chicken	caecal sample	UK	2008	ST 137	ST-45 complex	Yahara et al 2016	-
379	SS_178	chicken	caecal sample	UK	2008	ST 21	ST-21 complex	Yahara et al 2016	-
380	SS_179	chicken	caecal sample	UK	2008	ST 702	ST-702 complex	Yahara et al 2016	-
381	SS_180	chicken	caecal sample	UK	2009	ST 449	-	Yahara et al 2016	-
382	SS_185	chicken	caecal sample	UK	2009	ST 11	ST-45 complex	Yahara et al 2016	-
384	SS_187	chicken	caecal sample	UK	2009	ST 50	ST-21 complex	Yahara et al 2016	-
385	SS_188	chicken	caecal sample	UK	2009	ST 2030	ST-257 complex	Yahara et al 2016	-
387	SS_200	chicken	caecal sample	UK	2008	ST 464	ST-464 complex	Yahara et al 2016	-

388	SS_203	chicken	caecal sample	UK	2008	ST 4454	-	Yahara et al 2016	-
389	SS_206	chicken	caecal sample	UK	2008	ST 4468	ST-661 complex	Yahara et al 2016	-
390	SS_212	chicken	caecal sample	UK	2009	ST 1489	ST-354 complex	Yahara et al 2016	-
392	SS_218	chicken	caecal sample	UK	2009	ST 45	ST-45 complex	Yahara et al 2016	-
393	SS_220	chicken	caecal sample	UK	2009	ST 257	ST-257 complex	Yahara et al 2016	-
394	SS_225	chicken	caecal sample	UK	2007	ST 353	ST-353 complex	Yahara et al 2016	-
395	SS_226	chicken	caecal sample	UK	2009	ST 51	ST-443 complex	Yahara et al 2016	-
396	SS_227	chicken	caecal sample	UK	2008	ST 1489	ST-354 complex	Yahara et al 2016	-
397	SS_231	chicken	caecal sample	UK	2009	ST 4432	ST-661 complex	Yahara et al 2016	-
399	SS_235	chicken	caecal sample	UK	2009	ST 2314	ST-1034 complex	Yahara et al 2016	-
401	SS_243	chicken	caecal sample	UK	2008	ST 4472	ST-702 complex	Yahara et al 2016	-
405	SS_252	chicken	caecal sample	UK	2007	ST 2197	ST-45 complex	Yahara et al 2016	-
406	SS_254	chicken	caecal sample	UK	2008	ST 583	ST-45 complex	Yahara et al 2016	-
409	SS_259	chicken	caecal sample	UK	2007	ST 354	ST-354 complex	Yahara et al 2016	-
411	SS_262	chicken	caecal sample	UK	2008	ST 574	ST-574 complex	Yahara et al 2016	-
412	SS_287	chicken	caecal sample	UK	2008	ST 574	ST-574 complex	Yahara et al 2016	-

414	SS_289	chicken	caecal sample	UK	2008	ST 51	ST-443 complex	Yahara et al 2016	-
416	SS_295	chicken	caecal sample	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
417	SS_296	chicken	caecal sample	UK	2007	ST 2030	ST-257 complex	Yahara et al 2016	-
418	SS_297	chicken	caecal sample	UK	2007	ST 50	ST-21 complex	Yahara et al 2016	-
421	SS_301	chicken	caecal sample	UK	2008	ST 19	ST-21 complex	Yahara et al 2016	-
422	SS_302	chicken	caecal sample	UK	2008	ST 775	ST-52 complex	Yahara et al 2016	-
423	SS_303	chicken	caecal sample	UK	2007	ST 19	ST-21 complex	Yahara et al 2016	-
424	SS_304	chicken	caecal sample	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
427	SS_310	chicken	caecal sample	UK	2007	ST 574	ST-574 complex	Yahara et al 2016	-
428	SS_312	chicken	caecal sample	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
429	SS_314	chicken	caecal sample	UK	2008	ST 2197	ST-45 complex	Yahara et al 2016	-
430	SS_317	chicken	caecal sample	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
433	SS_005	chicken	chicken	UK	2010	ST 2030	ST-257 complex	Yahara et al 2016	-
434	SS_006	chicken	chicken	UK	2011	ST 45	ST-45 complex	Yahara et al 2016	-
435	SS_025	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
437	SS_027	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-

438	SS_030	chicken	chicken offal or meat	UK	2005	ST 48	ST-48 complex	Yahara et al 2016	-
440	SS_032	chicken	chicken offal or meat	UK	2005	ST 137	ST-45 complex	Yahara et al 2016	-
441	SS_033	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
443	SS_036	chicken	chicken offal or meat	UK	2005	ST 25	ST-45 complex	Yahara et al 2016	-
444	SS_037	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
445	SS_038	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
446	SS_039	chicken	chicken offal or meat	UK	2005	ST 233	ST-45 complex	Yahara et al 2016	-
447	SS_040	chicken	chicken offal or meat	UK	2005	ST 45	ST-45 complex	Yahara et al 2016	-
448	SS_041	chicken	chicken offal or meat	UK	2005	ST 661	ST-661 complex	Yahara et al 2016	-
449	SS_042	chicken	chicken offal or meat	UK	2005	ST 25	ST-45 complex	Yahara et al 2016	-
451	SS_044	chicken	chicken offal or meat	UK	2005	ST 267	ST-283 complex	Yahara et al 2016	-
452	SS_045	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
453	SS_046	chicken	chicken offal or meat	UK	2005	ST 137	ST-45 complex	Yahara et al 2016	-
458	SS_053	chicken	chicken offal or meat	UK	2005	ST 25	ST-45 complex	Yahara et al 2016	-
460	SS_055	chicken	chicken offal or meat	UK	2005	ST 257	ST-257 complex	Yahara et al 2016	-
461	SS_056	chicken	chicken offal or meat	UK	2005	ST 607	ST-607 complex	Yahara et al 2016	-

462	SS_057	chicken	chicken offal or meat	UK	2005	ST 48	ST-48 complex	Yahara et al 2016	-
463	SS_058	chicken	chicken offal or meat	UK	2005	ST 45	ST-45 complex	Yahara et al 2016	-
466	SS_278	chicken	chicken offal or meat	UK	2005	ST 50	ST-21 complex	Yahara et al 2016	-
467	SS_280	chicken	chicken offal or meat	UK	2005	ST 45	ST-45 complex	Yahara et al 2016	-
469	SS_282	chicken	chicken offal or meat	UK	2005	ST 574	ST-574 complex	Yahara et al 2016	-
470	SS_283	chicken	chicken offal or meat	UK	2005	ST 354	ST-354 complex	Yahara et al 2016	-
471	SS_072	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
472	SS_075	chicken	farm environment	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
474	SS_078	chicken	farm environment	UK	2008	ST 3965	ST-573 complex	Yahara et al 2016	-
475	SS_083	chicken	farm environment	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
476	SS_085	chicken	farm environment	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
477	SS_088	chicken	farm environment	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
478	SS_089	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
479	SS_094	chicken	farm environment	UK	2008	ST 3895	ST-353 complex	Yahara et al 2016	-
480	SS_095	chicken	farm environment	UK	2008	-	-	Yahara et al 2016	-
483	SS_098	chicken	farm environment	UK	2008	ST 48	ST-48 complex	Yahara et al 2016	-

484	SS_099	chicken	farm environment	UK	2008	ST 51	ST-443 complex	Yahara et al 2016	-
486	SS_102	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
488	SS_104	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
489	SS_108	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
490	SS_109	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
491	SS_111	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
492	SS_112	chicken	farm environment	UK	2008	ST 1910	ST-353 complex	Yahara et al 2016	-
494	SS_117	chicken	farm environment	UK	2008	ST 574	ST-574 complex	Yahara et al 2016	-
495	SS_120	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
496	SS_126	chicken	farm environment	UK	2008	ST 449	-	Yahara et al 2016	-
497	SS_129	chicken	farm environment	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
498	SS_130	chicken	farm environment	UK	2008	ST 3895	ST-353 complex	Yahara et al 2016	-
499	SS_134	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
500	SS_135	chicken	farm environment	UK	2008	ST 3965	ST-573 complex	Yahara et al 2016	-
1699	SS_136	chicken	farm environment	UK	2008	ST 354	ST-354 complex	Yahara et al 2016	-
1700	SS_137	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-

1701	SS_138	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1702	SS_140	chicken	farm environment	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
1704	SS_144	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1705	SS_148	chicken	farm environment	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
1706	SS_155	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1707	SS_156	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
1709	SS_162	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
1710	SS_163	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
1711	SS_164	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1712	SS_165	chicken	farm environment	UK	2008	ST 1910	ST-353 complex	Yahara et al 2016	-
1713	SS_166	chicken	farm environment	UK	2008	ST 3895	ST-353 complex	Yahara et al 2016	-
1714	SS_181	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
1715	SS_182	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
1717	SS_184	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1718	SS_190	chicken	farm environment	UK	2008	ST 775	ST-52 complex	Yahara et al 2016	-
1719	SS_191	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-

1720	SS_195	chicken	farm environment	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
1721	SS_196	chicken	farm environment	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
1722	SS_197	chicken	farm environment	UK	2008	ST 2197	ST-45 complex	Yahara et al 2016	-
1723	SS_198	chicken	farm environment	UK	2008	ST 2197	ST-45 complex	Yahara et al 2016	-
1724	SS_201	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
1726	SS_207	chicken	farm environment	UK	2008	ST 607	ST-607 complex	Yahara et al 2016	-
1727	SS_209	chicken	farm environment	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
1728	SS_215	chicken	farm environment	UK	2008	ST 3573	-	Yahara et al 2016	-
1729	SS_217	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
1730	SS_221	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
1731	SS_222	chicken	farm environment	UK	2008	ST 50	ST-21 complex	Yahara et al 2016	-
1732	SS_228	chicken	farm environment	UK	2008	ST 2568	ST-661 complex	Yahara et al 2016	-
1733	SS_230	chicken	farm environment	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-
1734	SS_232	chicken	farm environment	UK	2008	ST 1910	ST-353 complex	Yahara et al 2016	-
1735	SS_233	chicken	farm environment	UK	2008	-	-	Yahara et al 2016	-
1737	SS_237	chicken	farm environment	UK	2008	ST 45	ST-45 complex	Yahara et al 2016	-

1738	SS_238	chicken	farm environment	UK	2008	ST 2197	ST-45 complex	Yahara et al 2016	-
1739	SS_239	chicken	farm environment	UK	2008	ST 2314	ST-1034 complex	Yahara et al 2016	-
1740	SS_244	chicken	farm environment	UK	2008	ST 11	ST-45 complex	Yahara et al 2016	-
1742	SS_003	human	human unspecified	UK	2006	ST 475	ST-48 complex	Yahara et al 2016	-
1744	SS_264	human	human unspecified	UK	2011	ST 607	ST-607 complex	Yahara et al 2016	-
1751	SS_271	human	human unspecified	UK	2011	ST 583	ST-45 complex	Yahara et al 2016	-
1752	SS_272	human	human unspecified	UK	2011	ST 354	ST-354 complex	Yahara et al 2016	-
1754	SS_274	human	human unspecified	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-
1756	SS_004	ruminant	sheep	UK	2010	ST 206	ST-206 complex	Yahara et al 2016	-
1762	SS_008	chicken	chicken	UK	2006	ST 51	ST-443 complex	Yahara et al 2016	-
1763	SS_009	ruminant	cattle	UK	2006	ST 42	ST-42 complex	Yahara et al 2016	-
1768	SS_015	ruminant	cattle	UK	2006	ST 61	ST-61 complex	Yahara et al 2016	-
1771	SS_020	chicken	chicken	UK	2006	ST 45	ST-45 complex	Yahara et al 2016	-
1774	SS_024	chicken	carcass swab	UK	2005	ST 354	ST-354 complex	Yahara et al 2016	-
1775	SS_028	chicken	carcass swab	UK	2005	ST 583	ST-45 complex	Yahara et al 2016	-
1776	SS_029	chicken	carcass swab	UK	2005	ST 45	ST-45 complex	Yahara et al 2016	-

1780	SS_324	ruminant	sheep	UK	2006	ST 206	ST-206 complex	Yahara et al 2016	-
1782	SS_327	ruminant	cattle	UK	2006	ST 48	ST-48 complex	Yahara et al 2016	-
1785	SS_330	ruminant	sheep	UK	2006	ST 21	ST-21 complex	Yahara et al 2016	-
1786	SS_332	ruminant	sheep	UK	2006	ST 53	ST-21 complex	Yahara et al 2016	-
1787	SS_333	ruminant	sheep	UK	2006	ST 19	ST-21 complex	Yahara et al 2016	-
1791	SS_337	chicken	chicken	UK	2009	ST 5	ST-353 complex	Yahara et al 2016	-
1793	SS_339	chicken	chicken	UK	2011	ST 354	ST-354 complex	Yahara et al 2016	-
1794	SS_340	chicken	chicken	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
1795	SS_341	chicken	chicken	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-
1796	SS_342	ruminant	cattle	UK	2010	-	-	Yahara et al 2016	-
1799	SS_345	chicken	carcass swab	UK	2005	ST 51	ST-443 complex	Yahara et al 2016	-
1800	SS_375	chicken	chicken	UK	2007	ST 45	ST-45 complex	Yahara et al 2016	-
1801	SS_376	chicken	chicken	UK	2007	-	-	Yahara et al 2016	-
1802	SS_377	chicken	chicken	UK	2007	ST 2135	ST-21 complex	Yahara et al 2016	-
1803	SS_378	chicken	chicken	UK	2007	ST 2568	ST-661 complex	Yahara et al 2016	-
1804	SS_379	chicken	chicken	UK	2007	ST 52	ST-52 complex	Yahara et al 2016	-

1805	SS_380	chicken	chicken	UK	2007	ST 863	ST-607 complex	Yahara et al 2016	-
1806	SS_381	chicken	chicken	UK	2007	ST 48	ST-48 complex	Yahara et al 2016	-
1807	SS_382	chicken	chicken	UK	2007	ST 4415	-	Yahara et al 2016	-
1808	SS_383	chicken	chicken	UK	2007	ST 267	ST-283 complex	Yahara et al 2016	-
1810	SS_385	chicken	chicken	UK	2007	ST 573	ST-573 complex	Yahara et al 2016	-
1811	SS_386	chicken	chicken	UK	2007	ST 51	ST-443 complex	Yahara et al 2016	-
1812	SS_387	chicken	chicken	UK	2007	ST 257	ST-257 complex	Yahara et al 2016	-
1814	SS_389	chicken	chicken	UK	2007	ST 702	ST-702 complex	Yahara et al 2016	-
1817	SS_392	chicken	chicken	UK	2007	ST 583	ST-45 complex	Yahara et al 2016	-
1818	SS_393	chicken	chicken	UK	2007	ST 607	ST-607 complex	Yahara et al 2016	-
1819	SS_394	chicken	chicken	UK	2007	ST 1491	-	Yahara et al 2016	-
1822	SS_397	chicken	chicken	UK	2007	ST 21	ST-21 complex	Yahara et al 2016	-
1829	SS_404	chicken	chicken	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
1830	SS_405	chicken	carcass swab	UK	2008	ST 573	ST-573 complex	Yahara et al 2016	-
1831	SS_406	chicken	carcass swab	UK	2008	ST 257	ST-257 complex	Yahara et al 2016	-
1832	SS_407	chicken	chicken	UK	2008	ST 1709	ST-1034 complex	Yahara et al 2016	-

1833	SS_408	chicken	farm environment	UK	2008	ST 464	ST-464 complex	Yahara et al 2016	-
1834	SS_410	chicken	carcass swab	UK	2008	ST 4460	ST-661 complex	Yahara et al 2016	-
1835	SS_411	chicken	carcass swab	UK	-	ST 137	ST-45 complex	Yahara et al 2016	-
1836	SS_558	human	human unspecified	UK	-	ST 19	ST-21 complex	Yahara et al 2016	-
1837	SS_560	human	human unspecified	UK	-	ST 45	ST-45 complex	Yahara et al 2016	-
1838	SS_563	human	human unspecified	UK	-	ST 51	ST-443 complex	Yahara et al 2016	-
1839	SS_565	human	human unspecified	UK	-	ST 257	ST-257 complex	Yahara et al 2016	-
1840	SS_566	human	human unspecified	UK	-	ST 257	ST-257 complex	Yahara et al 2016	-
1850	SS_588	human	human unspecified	UK	-	ST 2197	ST-45 complex	Yahara et al 2016	-
1851	SS_592	human	human unspecified	UK	2012	ST 50	ST-21 complex	Yahara et al 2016	-
1853	SS_601	human	human unspecified	UK	2012	ST 353	ST-353 complex	Yahara et al 2016	-
1854	SS_603	human	human unspecified	UK	2012	ST 51	ST-443 complex	Yahara et al 2016	-
1856	SS_620	human	human unspecified	UK	2012	ST 53	ST-21 complex	Yahara et al 2016	-
1857	OXC5325	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
1858	OXC5326	human	human stool	UK	2010	ST 607	ST-607 complex	Yahara et al 2016	-
1860	OXC5330	human	human stool	UK	2010	ST 1003	ST-45 complex	Yahara et al 2016	-

1861	OXC5331	human	human stool	UK	2010	ST 137	ST-45 complex	Yahara et al 2016	-
1862	OXC5332	human	human stool	UK	2010	ST 45	ST-45 complex	Yahara et al 2016	-
1863	OXC5333	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1864	OXC5334	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1865	OXC5335	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1871	OXC5343	human	human stool	UK	2010	ST 2109	ST-45 complex	Yahara et al 2016	-
1872	OXC5344	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1875	OXC5349	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1876	OXC5350	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1878	OXC5355	human	human stool	UK	2010	ST 1232	ST-353 complex	Yahara et al 2016	-
1879	OXC5358	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1881	OXC5364	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1885	OXC5372	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
1888	OXC5376	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1890	OXC5378	human	human stool	UK	2010	ST 53	ST-21 complex	Yahara et al 2016	-
1891	OXC5380	human	human stool	UK	2010	ST 2140	ST-574 complex	Yahara et al 2016	-

1894	OXC5385	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
1896	OXC5390	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1899	OXC5393	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1900	OXC5394	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
1901	OXC5395	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1903	OXC5397	human	human stool	UK	2010	ST 5242	ST-21 complex	Yahara et al 2016	-
1904	OXC5474	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1905	OXC5475	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
1906	OXC5476	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
1907	OXC5477	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1909	OXC5480	human	human stool	UK	2010	ST 2122	ST-353 complex	Yahara et al 2016	-
1910	OXC5627	human	human stool	UK	2010	ST 2033	ST-354 complex	Yahara et al 2016	-
1912	OXC5664	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1916	OXC5671	human	human stool	UK	2010	ST 883	ST-21 complex	Yahara et al 2016	-
1918	OXC5673	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
1919	OXC5674	human	human stool	UK	2010	ST 52	ST-52 complex	Yahara et al 2016	-

1920	OXC5675	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1921	OXC5676	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
1923	OXC5679	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
1924	OXC5680	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
1928	OXC5686	human	human stool	UK	2010	ST 400	ST-353 complex	Yahara et al 2016	-
1931	OXC5690	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
1932	OXC5691	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1933	OXC5694	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1934	OXC5695	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
1935	OXC5696	human	human stool	UK	2010	ST 53	ST-21 complex	Yahara et al 2016	-
1937	OXC5700	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
1938	OXC5701	human	human stool	UK	2010	ST 353	ST-353 complex	Yahara et al 2016	-
1939	OXC5702	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
1940	OXC5703	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1942	OXC5707	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1943	OXC5708	human	human stool	UK	2010	ST 861	ST-21 complex	Yahara et al 2016	-

1944	OXC5709	human	human stool	UK	2010	ST 2030	ST-257 complex	Yahara et al 2016	-
1945	OXC5710	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1946	OXC5711	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1947	OXC5712	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1948	OXC5713	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1950	OXC5716	human	human stool	UK	2010	ST 38	ST-48 complex	Yahara et al 2016	-
1951	OXC5720	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1953	OXC5484	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1957	OXC5495	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1958	OXC5497	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1959	OXC5499	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
1960	OXC5604	human	human stool	UK	2010	ST 2033	ST-354 complex	Yahara et al 2016	-
1962	OXC5608	human	human stool	UK	2010	ST 52	ST-52 complex	Yahara et al 2016	-
1964	OXC5614	human	human stool	UK	2010	ST 475	ST-48 complex	Yahara et al 2016	-
1965	OXC5616	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
1966	OXC5617	human	human stool	UK	2010	ST 53	ST-21 complex	Yahara et al 2016	-

1967	OXC5618	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1968	OXC5620	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
1971	OXC5625	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1972	OXC5626	human	human stool	UK	2010	ST 475	ST-48 complex	Yahara et al 2016	-
1973	OXC5628	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1977	OXC5632	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1978	OXC5633	human	human stool	UK	2010	ST 2076	ST-353 complex	Yahara et al 2016	-
1979	OXC5634	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
1981	OXC5636	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1982	OXC5638	human	human stool	UK	2010	ST 581	ST-353 complex	Yahara et al 2016	-
1983	OXC5639	human	human stool	UK	2010	ST 883	ST-21 complex	Yahara et al 2016	-
1984	OXC5640	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
1985	OXC5641	human	human stool	UK	2010	ST 2030	ST-257 complex	Yahara et al 2016	-
1987	OXC5643	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
1989	OXC5646	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
1990	OXC5647	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-

1992	OXC5649	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1993	OXC5651	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
1994	OXC5652	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
1995	OXC5782	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
1997	OXC5786	human	human stool	UK	2010	ST 2122	ST-353 complex	Yahara et al 2016	-
1998	OXC5787	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
2000	OXC5835	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2001	OXC5498	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2003	OXC5838	human	human stool	UK	2010	ST 5173	ST-48 complex	Yahara et al 2016	-
2004	OXC5839	human	human stool	UK	2010	ST 3510	ST-353 complex	Yahara et al 2016	-
2005	OXC5840	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
2006	OXC5841	human	human stool	UK	2010	ST 2135	ST-21 complex	Yahara et al 2016	-
2008	OXC5843	human	human stool	UK	2011	ST 861	ST-21 complex	Yahara et al 2016	-
2011	OXC5846	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2012	OXC5847	human	human stool	UK	2011	ST 2033	ST-354 complex	Yahara et al 2016	-
2013	OXC5848	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-

2015	OXC5850	human	human stool	UK	2011	ST 45	ST-45 complex	Yahara et al 2016	-
2022	OXC5857	human	human stool	UK	2011	ST 775	ST-52 complex	Yahara et al 2016	-
2024	OXC5859	human	human stool	UK	2011	ST 2030	ST-257 complex	Yahara et al 2016	-
2026	OXC5861	human	human stool	UK	2011	ST 48	ST-48 complex	Yahara et al 2016	-
2027	OXC5862	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2030	OXC5865	human	human stool	UK	2011	ST 2030	ST-257 complex	Yahara et al 2016	-
2031	OXC5866	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2032	OXC5869	human	human stool	UK	2011	ST 2030	ST-257 complex	Yahara et al 2016	-
2034	OXC5871	human	human stool	UK	2011	ST 19	ST-21 complex	Yahara et al 2016	-
2035	OXC5872	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2037	OXC5874	human	human stool	UK	2011	ST 48	ST-48 complex	Yahara et al 2016	-
2040	OXC5877	human	human stool	UK	2011	ST 475	ST-48 complex	Yahara et al 2016	-
2041	OXC5878	human	human stool	UK	2011	ST 48	ST-48 complex	Yahara et al 2016	-
2042	OXC5879	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2043	OXC5880	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2045	OXC5883	human	human stool	UK	2011	ST 6604	ST-257 complex	Yahara et al 2016	-

2047	OXC5398	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
2048	OXC5400	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
2050	OXC5405	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
2053	OXC5410	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
2055	OXC5412	human	human stool	UK	2010	ST 5134	ST-607 complex	Yahara et al 2016	-
2056	OXC5413	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2057	OXC5414	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2058	OXC5416	human	human stool	UK	2010	ST 3574	ST-21 complex	Yahara et al 2016	-
2060	OXC5418	human	human stool	UK	2010	ST 990	ST-257 complex	Yahara et al 2016	-
2061	OXC5420	human	human stool	UK	2010	ST 45	ST-45 complex	Yahara et al 2016	-
2062	OXC5421	human	human stool	UK	2010	ST 257	ST-257 complex	Yahara et al 2016	-
2063	OXC5422	human	human stool	UK	2010	ST 6601	ST-48 complex	Yahara et al 2016	-
2065	OXC5427	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
2066	OXC5428	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
2067	OXC5431	human	human stool	UK	2010	ST 5018	ST-21 complex	Yahara et al 2016	-
2068	OXC5433	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-

2069	OXC5434	human	human stool	UK	2010	ST 137	ST-45 complex	Yahara et al 2016	-
2070	OXC5435	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2071	OXC5437	human	human stool	UK	2010	ST 883	ST-21 complex	Yahara et al 2016	-
2072	OXC5438	human	human stool	UK	2010	ST 53	ST-21 complex	Yahara et al 2016	-
2077	OXC5444	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
2078	OXC5445	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2079	OXC5451	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2080	OXC5452	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
2083	OXC5456	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
2086	OXC5460	human	human stool	UK	2010	ST 443	ST-443 complex	Yahara et al 2016	-
2087	OXC5462	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2088	OXC5463	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
2089	OXC5464	human	human stool	UK	2010	ST 607	ST-607 complex	Yahara et al 2016	-
2090	OXC5465	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2091	OXC5466	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
2092	OXC5470	human	human stool	UK	2010	ST 44	ST-21 complex	Yahara et al 2016	-

2093	OXC5472	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
2095	OXC5721	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
2097	OXC5724	human	human stool	UK	2010	ST 19	ST-21 complex	Yahara et al 2016	-
2098	OXC5725	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2099	OXC5726	human	human stool	UK	2010	ST 5	ST-353 complex	Yahara et al 2016	-
2101	OXC5728	human	human stool	UK	2010	ST 2355	ST-21 complex	Yahara et al 2016	-
2102	OXC5731	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2103	OXC5732	human	human stool	UK	2010	ST 607	ST-607 complex	Yahara et al 2016	-
2106	OXC5737	human	human stool	UK	2010	ST 266	ST-21 complex	Yahara et al 2016	-
2107	OXC5739	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2109	OXC5741	human	human stool	UK	2010	ST 354	ST-354 complex	Yahara et al 2016	-
2112	OXC5744	human	human stool	UK	2010	ST 137	ST-45 complex	Yahara et al 2016	-
2113	OXC5745	human	human stool	UK	2010	ST 48	ST-48 complex	Yahara et al 2016	-
2114	OXC5747	human	human stool	UK	2010	ST 775	ST-52 complex	Yahara et al 2016	-
2115	OXC5748	human	human stool	UK	2010	ST 775	ST-52 complex	Yahara et al 2016	-
2116	OXC5750	human	human stool	UK	2010	ST 400	ST-353 complex	Yahara et al 2016	-

2117	OXC5751	human	human stool	UK	2010	ST 775	ST-52 complex	Yahara et al 2016	-
2119	OXC5754	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2120	OXC5757	human	human stool	UK	2010	ST 21	ST-21 complex	Yahara et al 2016	-
2121	OXC5758	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
2126	OXC5764	human	human stool	UK	2010	ST 51	ST-443 complex	Yahara et al 2016	-
2128	OXC5766	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2129	OXC5767	human	human stool	UK	2010	ST 53	ST-21 complex	Yahara et al 2016	-
2132	OXC5771	human	human stool	UK	2010	ST 50	ST-21 complex	Yahara et al 2016	-
2133	OXC5772	human	human stool	UK	2010	ST 2135	ST-21 complex	Yahara et al 2016	-
2135	OXC5774	human	human stool	UK	2010	ST 190	ST-21 complex	Yahara et al 2016	-
2137	OXC5776	human	human stool	UK	2010	ST 574	ST-574 complex	Yahara et al 2016	-
2140	OXC5779	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2141	OXC5780	human	human stool	UK	2011	ST 5	ST-353 complex	Yahara et al 2016	-
2142	OXC5781	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2143	OXC5788	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2144	OXC5789	human	human stool	UK	2011	ST 904	ST-607 complex	Yahara et al 2016	-

2145	OXC5791	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2146	OXC5792	human	human stool	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-
2148	OXC5794	human	human stool	UK	2011	ST 2030	ST-257 complex	Yahara et al 2016	-
2151	OXC5797	human	human stool	UK	2011	ST 2033	ST-354 complex	Yahara et al 2016	-
2153	OXC5799	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2155	OXC5801	human	human stool	UK	2011	ST 51	ST-443 complex	Yahara et al 2016	-
2156	OXC5802	human	human stool	UK	2011	ST 1038	ST-354 complex	Yahara et al 2016	-
2168	OXC5804	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2169	OXC5805	human	human stool	UK	2011	ST 51	ST-443 complex	Yahara et al 2016	-
2171	OXC5808	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2172	OXC5809	human	human stool	UK	2011	ST 51	ST-443 complex	Yahara et al 2016	-
2174	OXC5811	human	human stool	UK	2011	ST 2135	ST-21 complex	Yahara et al 2016	-
2175	OXC5812	human	human stool	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-
2176	OXC5813	human	human stool	UK	2011	ST 5	ST-353 complex	Yahara et al 2016	-
2177	OXC5814	human	human stool	UK	2011	ST 48	ST-48 complex	Yahara et al 2016	-
2178	OXC5815	human	human stool	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-

2179	OXC5816	human	human stool	UK	2011	ST 45	ST-45 complex	Yahara et al 2016	-
2180	OXC5817	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2181	OXC5818	human	human stool	UK	2011	ST 19	ST-21 complex	Yahara et al 2016	-
2182	OXC5819	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2183	OXC5820	human	human stool	UK	2011	ST 990	ST-257 complex	Yahara et al 2016	-
2184	OXC5821	human	human stool	UK	2011	ST 2135	ST-21 complex	Yahara et al 2016	-
2185	OXC5822	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2186	OXC5823	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2188	OXC5825	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2189	OXC5826	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2192	OXC5829	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2193	OXC5830	human	human stool	UK	2011	ST 400	ST-353 complex	Yahara et al 2016	-
2195	OXC5832	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2196	OXC5833	human	human stool	UK	2011	ST 6603	ST-257 complex	Yahara et al 2016	-
2199	OXC5934	human	human stool	UK	2011	ST 2084	ST-353 complex	Yahara et al 2016	-
2200	OXC5885	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-

2201	OXC5886	human	human stool	UK	2011	ST 5	ST-353 complex	Yahara et al 2016	-
2202	OXC5887	human	human stool	UK	2011	ST 19	ST-21 complex	Yahara et al 2016	-
2203	OXC5888	human	human stool	UK	2011	ST 2135	ST-21 complex	Yahara et al 2016	-
2204	OXC5889	human	human stool	UK	2011	ST 2030	ST-257 complex	Yahara et al 2016	-
2210	OXC5895	human	human stool	UK	2011	ST 2135	ST-21 complex	Yahara et al 2016	-
2213	OXC5898	human	human stool	UK	2011	ST 52	ST-52 complex	Yahara et al 2016	-
2214	OXC5899	human	human stool	UK	2011	ST 19	ST-21 complex	Yahara et al 2016	-
2215	OXC5900	human	human stool	UK	2011	ST 52	ST-52 complex	Yahara et al 2016	-
2216	OXC5902	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2217	OXC5903	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2219	OXC5905	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2220	OXC5906	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2221	OXC5907	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2223	OXC5909	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2225	OXC5911	human	human stool	UK	2011	ST 5247	ST-353 complex	Yahara et al 2016	-
2227	OXC5914	human	human stool	UK	2011	ST 574	ST-574 complex	Yahara et al 2016	-

2228	OXC5915	human	human stool	UK	2011	ST 257	ST-257 complex	Yahara et al 2016	-
2229	OXC5916	human	human stool	UK	2011	ST 990	ST-257 complex	Yahara et al 2016	-
2230	OXC5917	human	human stool	UK	2011	ST 52	ST-52 complex	Yahara et al 2016	-
2231	OXC5918	human	human stool	UK	2011	ST 53	ST-21 complex	Yahara et al 2016	-
2232	OXC5937	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2236	OXC5941	human	human stool	UK	2011	ST 45	ST-45 complex	Yahara et al 2016	-
2240	OXC5924	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2241	OXC5925	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2242	OXC5926	human	human stool	UK	2011	ST 50	ST-21 complex	Yahara et al 2016	-
2243	OXC5927	human	human stool	UK	2011	ST 2033	ST-354 complex	Yahara et al 2016	-
2244	OXC5928	human	human stool	UK	2011	ST 6602	ST-443 complex	Yahara et al 2016	-
2245	OXC5929	human	human stool	UK	2011	ST 21	ST-21 complex	Yahara et al 2016	-
2246	OXC5930	human	human stool	UK	2011	ST 48	ST-48 complex	Yahara et al 2016	-
2247	OXC5931	human	human stool	UK	2011	ST 353	ST-353 complex	Yahara et al 2016	-
2255	B2	ruminant	cattle	Canada	-	ST 61	ST-61 complex	Pascoe et al 2016	-
2256	B3	ruminant	cattle	Canada	-	ST 21	ST-21 complex	Pascoe et al 2016	-

2257	B4	ruminant	cattle	Canada	-	ST 21	ST-21 complex	Pascoe et al 2016	-
2258	C1	chicken	chicken	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2259	C10	chicken	chicken	Canada	-	ST 924	ST-607 complex	Pascoe et al 2016	-
2260	C11	chicken	chicken	Canada	-	ST 48	ST-48 complex	Pascoe et al 2016	-
2261	C12	chicken	chicken	Canada	-	ST 48	ST-48 complex	Pascoe et al 2016	-
2262	C13	chicken	chicken	Canada	-	ST 982	ST-21 complex	Pascoe et al 2016	-
2265	C16	chicken	chicken	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2266	C2	chicken	chicken	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2267	C3	chicken	chicken	Canada	-	ST 460	ST-460 complex	Pascoe et al 2016	-
2268	C4	chicken	chicken	Canada	-	ST 460	ST-460 complex	Pascoe et al 2016	-
2269	C5	chicken	chicken	Canada	-	ST 460	ST-460 complex	Pascoe et al 2016	-
2270	C6	chicken	chicken	Canada	-	ST 929	ST-257 complex	Pascoe et al 2016	-
2271	C7	chicken	chicken	Canada	-	ST 929	ST-257 complex	Pascoe et al 2016	-
2272	C8	chicken	chicken	Canada	-	ST 924	ST-607 complex	Pascoe et al 2016	-
2273	C9	chicken	chicken	Canada	-	-	-	Pascoe et al 2016	-
2313	S1	environment		Canada	-	ST 4186	ST-179 complex	Pascoe et al 2016	-

2314	S2	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2315	S3	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2317	S5	environment	Canada	-	ST 538	ST-45 complex	Pascoe et al 2016	-
2318	S6	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2323	W10	environment	Canada	-	ST 61	ST-61 complex	Pascoe et al 2016	-
2324	W11	environment	Canada	-	ST 61	ST-61 complex	Pascoe et al 2016	-
2325	W12	environment	Canada	-	ST 929	ST-257 complex	Pascoe et al 2016	-
2326	W13	environment	Canada	-	ST 693	-	Pascoe et al 2016	-
2327	W14	environment	Canada	-	ST 8	ST-21 complex	Pascoe et al 2016	-
2328	W15	environment	Canada	-	ST 8	ST-21 complex	Pascoe et al 2016	-
2329	W16	environment	Canada	-	ST 991	ST-692 complex	Pascoe et al 2016	-
2330	W17	environment	Canada	-	ST 8	ST-21 complex	Pascoe et al 2016	-
2331	W18	environment	Canada	-	ST 929	ST-257 complex	Pascoe et al 2016	-
2332	W19	environment	Canada	-	-	-	Pascoe et al 2016	-
2333	W2	environment	Canada	-	ST 459	ST-42 complex	Pascoe et al 2016	-
2334	W20	environment	Canada	-	ST 991	ST-692 complex	Pascoe et al 2016	-

2335	W21	environment	Canada	-	-	-	Pascoe et al 2016	-
2336	W22	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2338	W24	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2339	W25	environment	Canada	-	-	-	Pascoe et al 2016	-
2341	W27	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-
2342	W28	environment	Canada	-	ST 991	ST-692 complex	Pascoe et al 2016	-
2343	W29	environment	Canada	-	ST 538	ST-45 complex	Pascoe et al 2016	-
2345	W30	environment	Canada	-	ST 929	ST-257 complex	Pascoe et al 2016	-
2346	W31	environment	Canada	-	ST 538	ST-45 complex	Pascoe et al 2016	-
2347	W32	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-
2348	W33	environment	Canada	-	ST 4186	ST-179 complex	Pascoe et al 2016	-
2349	W34	environment	Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2350	W35	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-
2351	W36	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-
2352	W37	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-
2353	W38	environment	Canada	-	ST 267	ST-283 complex	Pascoe et al 2016	-

2354	W39	environment		Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2355	W4	environment		Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2356	W40	environment		Canada	-	ST 4186	ST-179 complex	Pascoe et al 2016	-
2357	W41	environment		Canada	-	ST 459	ST-42 complex	Pascoe et al 2016	-
2358	W42	environment		Canada	-	ST 459	ST-42 complex	Pascoe et al 2016	-
2359	W43	environment		Canada	-	-	-	Pascoe et al 2016	-
2360	W44	environment		Canada	-	ST 806	ST-21 complex	Pascoe et al 2016	-
2361	W45	environment		Canada	-	ST 459	ST-42 complex	Pascoe et al 2016	-
2362	W46	environment		Canada	-	ST 933	ST-403 complex	Pascoe et al 2016	-
2364	W6	environment		Canada	-	-	-	Pascoe et al 2016	-
2367	W9	environment		Canada	-	ST 45	ST-45 complex	Pascoe et al 2016	-
2469	RM9357	ruminant	cattle	USA	2012	-	-	Unpublished	-
2470	RM9168	ruminant	cattle	USA	2012	ST 21	ST-21 complex	Unpublished	-
2471	RM8893	ruminant	cattle	USA	2012	ST 8	ST-21 complex	Unpublished	-
2472	RM8004	ruminant	cattle	USA	2012	ST 806	ST-21 complex	Unpublished	-
2475	RM10985	ruminant	cattle	USA	2012	ST 21	ST-21 complex	Unpublished	-
2476	D42a	chicken	chicken	USA	2005	ST 21	ST-21 complex	Unpublished	-

2479	RM12500	ruminant	cattle	USA	2012	ST 61	ST-61 complex	Unpublished	-
3004	SS_1029	chicken	chicken	UK	-	ST 61	ST-61 complex	Unpublished	-
3007	SS_1034	ruminant	cattle	Netherlands	-	ST 60	ST-61 complex	Unpublished	-
3008	SS_1035	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3009	SS_1036	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3011	SS_1040	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3012	SS_1045	ruminant	cattle	UK	-	-	-	Unpublished	-
3014	SS_1050	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3016	SS_1052	ruminant	cattle	UK	-	ST 864	ST-61 complex	Unpublished	-
3018	SS_1061	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3019	SS_1062	ruminant	sheep	UK	-	ST 61	ST-61 complex	Unpublished	-
3020	SS_1063	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3021	SS_1064	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3023	SS_1067	ruminant	cattle	UK	-	ST 820	ST-61 complex	Unpublished	-
3024	SS_1069	ruminant	sheep	UK	-	ST 61	ST-61 complex	Unpublished	-
3025	SS_1070	ruminant	cattle	UK	-	ST 61	ST-61 complex	Unpublished	-
3027	SS_1072	ruminant	sheep	UK	-	ST 61	ST-61 complex	Unpublished	-

3032	SS_975	environment	wild bird	N/A	2001	ST 1342	-	Unpublished	-
4713	AC0264	chicken	caecal sample	France	2008	ST 19	ST-21 complex	This study	SRR5123337
4714	AC0281	chicken	carcass swab	France	2008	ST 19	ST-21 complex	This study	SRR5123317
4715	AC0302	chicken	caecal sample	France	2008	ST 290	ST-206 complex	This study	SRR5123444
4716	AC0400	chicken	carcass swab	France	2008	ST 45	ST-45 complex	This study	SRR5123373
4717	AC0465	chicken	carcass swab	France	2008	ST 1964	ST-45 complex	This study	SRR5123374
4718	AC0473	chicken	carcass swab	France	2008	ST 21	ST-21 complex	This study	SRR5123348
4719	AC0559	chicken	caecal sample	France	2008	ST 6071	ST-48 complex	This study	SRR5123308
4720	AC0568	chicken	carcass swab	France	2008	ST 21	ST-21 complex	This study	SRR5123466
4721	AC0691	chicken	carcass swab	France	2008	ST 2197	ST-45 complex	This study	SRR5123474
4722	AC0745	chicken	carcass swab	France	2008	ST 50	ST-21 complex	This study	SRR5123318
4723	AC0791	chicken	caecal sample	France	2008	ST 5904	ST-48 complex	This study	SRR5123500
4724	AC0927	chicken	carcass swab	France	2008	ST 400	ST-353 complex	This study	SRR5123402
4725	AC0994	chicken	carcass swab	France	2008	ST 21	ST-21 complex	This study	SRR5123469
4726	AC1136	chicken	carcass swab	France	2008	ST 19	ST-21 complex	This study	SRR5123333
4727	AC1151	chicken	carcass swab	France	2008	ST 883	ST-21 complex	This study	SRR5123478
4728	AC1363	chicken	carcass swab	France	2008	ST 122	ST-206 complex	This study	SRR5123494

4729	AC1474	chicken	carcass swab	France	2008	ST 19	ST-21 complex	This study	SRR5123320
4730	AC1476	chicken	carcass swab	France	2008	ST 19	ST-21 complex	This study	SRR5123496
4731	AC2327	chicken	carcass swab	France	2008	ST 6418	ST-206 complex	This study	SRR5123298
4732	AC2811	chicken	caecal sample	France	2008	ST 21	ST-21 complex	This study	SRR5123504
4733	AC2823	chicken	carcass swab	France	2008	ST 19	ST-21 complex	This study	SRR5123301
4734	AC3107	chicken	caecal sample	France	2008	ST 19	ST-21 complex	This study	SRR5123322
4735	AC3201	chicken	caecal sample	France	2008	ST 50	ST-21 complex	This study	SRR5123338
4736	AC3497	chicken	caecal sample	France	2008	ST 19	ST-21 complex	This study	SRR5123344
4737	AC3940	chicken	carcass swab	France	2008	ST 221	ST-206 complex	This study	SRR5123483
4738	AC4322	chicken	caecal sample	France	2008	ST 4823	ST-464 complex	This study	SRR5123475
4739	AC4401	chicken	carcass swab	France	2008	ST 6360	ST-353 complex	This study	SRR5123358
4740	AC4520	chicken	carcass swab	France	2008	ST 475	ST-48 complex	This study	SRR5123421
4741	AC4896	chicken	carcass swab	France	2008	ST 48	ST-48 complex	This study	SRR5123415
4742	C0113	chicken	chicken offal or meat	France	2009	ST 45	ST-45 complex	This study	SRR5123371
4743	C0118	chicken	chicken offal or meat	France	2009	ST 21	ST-21 complex	This study	SRR5123357
4744	C0185	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123354

4745	C0191	chicken	chicken offal or meat	France	2009	ST 464	ST-464 complex	This study	SRR5123477
4746	C0230	chicken	chicken offal or meat	France	2009	ST 47	ST-21 complex	This study	SRR5123397
4747	C0274	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123472
4748	C0276	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123455
4749	C0303	chicken	chicken offal or meat	France	2009	ST 475	ST-48 complex	This study	SRR5123363
4750	C0402	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123458
4751	C0519	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123353
4752	C0531	chicken	chicken offal or meat	France	2009	ST 3547	ST-206 complex	This study	SRR5123394
4753	C0743	chicken	chicken offal or meat	France	2009	ST 48	ST-48 complex	This study	SRR5123309
4754	C0757	chicken	chicken offal or meat	France	2009	ST 2882	ST-353 complex	This study	SRR5123380
4755	C0784	chicken	chicken offal or meat	France	2009	ST 3633	ST-21 complex	This study	SRR5123316
4756	C0848	chicken	chicken offal or meat	France	2009	ST 137	ST-45 complex	This study	SRR5123443
4757	C1055	chicken	chicken offal or meat	France	2009	ST 334	ST-45 complex	This study	SRR5123479
4758	C1061	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123393
4759	C1141	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123307
4760	C1251	chicken	chicken offal or meat	France	2009	ST 21	ST-21 complex	This study	SRR5123405

4761	C1267	chicken	chicken offal or meat	France	2009	ST 21	ST-21 complex	This study	SRR5123331
4762	C1387	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123481
4763	C1516	chicken	chicken offal or meat	France	2009	ST 19	ST-21 complex	This study	SRR5123501
4764	C1656	chicken	chicken offal or meat	France	2009	ST 400	ST-353 complex	This study	SRR5123367
4765	C1658	chicken	chicken offal or meat	France	2009	ST 5356	ST-464 complex	This study	SRR5123502
4767	C1863	chicken	chicken offal or meat	France	2009	ST 464	ST-464 complex	This study	SRR5123449
4768	C1871	chicken	chicken offal or meat	France	2009	ST 21	ST-21 complex	This study	SRR5123352
4769	C2094	chicken	chicken offal or meat	France	2009	ST 5138	ST-206 complex	This study	SRR5123440
4770	C2122	chicken	chicken offal or meat	France	2009	ST 356	ST-353 complex	This study	SRR5123297
4771	C2228	chicken	chicken offal or meat	France	2009	ST 5268	ST-464 complex	This study	SRR5123451
4772	C2234	chicken	chicken offal or meat	France	2009	ST 21	ST-21 complex	This study	SRR5123468
4773	C2240	chicken	chicken offal or meat	France	2009	ST 45	ST-45 complex	This study	SRR5123395
4774	C2244	chicken	chicken offal or meat	France	2009	ST 48	ST-48 complex	This study	SRR5123342
4775	C2257	chicken	chicken offal or meat	France	2009	ST 572	ST-206 complex	This study	SRR5123418
4776	C97anses640	chicken	carcass swab	France	2008	ST 334	ST-45 complex	This study	SRR5123410
4777	CB0004	ruminant	cattle	France	2013	ST 45	ST-45 complex	This study	SRR5123437

4778	CB0011	ruminant	cattle	France	2013	ST 19	ST-21 complex	This study	SRR5123350
4779	CB0012	ruminant	cattle	France	2013	ST 21	ST-21 complex	This study	SRR5123335
4780	CB0013	ruminant	cattle	France	2013	ST 48	ST-48 complex	This study	SRR5123419
4781	CB0023	ruminant	cattle	France	2013	ST 5359	ST-48 complex	This study	SRR5123341
4782	CB0030	ruminant	cattle	France	2013	ST 21	ST-21 complex	This study	SRR5123389
4783	CB0031	ruminant	cattle	France	2013	ST 586	-	This study	SRR5123387
4784	CB0061	ruminant	cattle	France	2013	ST 48	ST-48 complex	This study	SRR5123366
4785	CB0072	ruminant	cattle	France	2013	ST 19	ST-21 complex	This study	SRR5123456
4786	CB0084	ruminant	cattle	France	2013	ST 418	ST-45 complex	This study	SRR5123432
4787	CB0089	ruminant	cattle	France	2013	ST 270	ST-403 complex	This study	SRR5123427
4788	CB0091	ruminant	cattle	France	2013	ST 42	ST-42 complex	This study	SRR5123447
4789	CB0096	ruminant	cattle	France	2013	ST 45	ST-45 complex	This study	SRR5123336
4790	CTA007	pet	dog	France	2014	-	-	This study	SRR5123378
4791	CTA011	pet	cat	France	2014	ST 6360	ST-353 complex	This study	SRR5123506
4792	CTA023	pet	dog	France	2014	ST 586	-	This study	SRR5123328
4793	CTA025	pet	dog	France	2014	ST 586	-	This study	SRR5123310
4794	CTA029	pet	dog	France	2014	ST 586	-	This study	SRR5123351
4795	CTA035	pet	cat	France	2015	-	-	This study	SRR5123321
4796	CTA040	pet	cat	France	2015	-	-	This study	SRR5123467
4797	CTA043	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123411

4798	CTA057	pet	dog	France	2015	ST 270	ST-403 complex	This study	SRR5123441
4799	CTA075	pet	dog	France	2015	ST 122	ST-206 complex	This study	SRR5123464
4800	CTA082	pet	dog	France	2015	ST 122	ST-206 complex	This study	SRR5123492
4801	CTA093	pet	dog	France	2015	ST 50	ST-21 complex	This study	SRR5123497
4802	CTA110	pet	dog	France	2015	ST 353	ST-353 complex	This study	SRR5123507
4803	CTA179	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123433
4804	CTA186	pet	cat	France	2015	ST 122	ST-206 complex	This study	SRR5123442
4805	CTA201	pet	dog	France	2015	-	-	This study	SRR5123491
4806	CTA215	pet	dog	France	2015	ST 257	ST-257 complex	This study	SRR5123423
4807	CTA230	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123304
4808	CTA242	pet	dog	France	2015	-	-	This study	SRR5123364
4809	CTA244	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123416
4810	CTA247	pet	dog	France	2015	ST 403	ST-403 complex	This study	SRR5123446
4811	CTA277	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123407
4812	CTA282	pet	dog	France	2015	ST 267	ST-283 complex	This study	SRR5123360
4813	CTA286	pet	dog	France	2015	ST 267	ST-283 complex	This study	SRR5123465
4814	CTA295	pet	dog	France	2015	-	-	This study	SRR5123445
4815	CTA306	pet	dog	France	2015	ST 48	ST-48 complex	This study	SRR5123319

4816	CTA321	pet	dog	France	2015	-	-	This study	SRR5123436
4817	CTA331	pet	dog	France	2015	ST 267	ST-283 complex	This study	SRR5123495
4818	CTA415	pet	dog	France	2015	ST 6674	ST-403 complex	This study	SRR5123462
4819	CTA417	pet	dog	France	2015	-	-	This study	SRR5123401
4820	CTA430	pet	dog	France	2015	ST 2187	ST-508 complex	This study	SRR5123454
4821	CTA468	pet	dog	France	2015	ST 267	ST-283 complex	This study	SRR5123299
4822	CTA473	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123493
4823	CTA483	pet	dog	France	2015	ST 2066	ST-52 complex	This study	SRR5123382
4824	CTA503	pet	dog	France	2015	ST 6674	ST-403 complex	This study	SRR5123488
4825	CTA526	pet	cat	France	2015	-	-	This study	SRR5123379
4826	CTA560	pet	dog	France	2015	ST 52	ST-52 complex	This study	SRR5123362
4827	CTA592	pet	dog	France	2015	ST 52	ST-52 complex	This study	SRR5123435
4828	CTA595	pet	dog	France	2015	-	-	This study	SRR5123426
4829	CTA628	pet	dog	France	2015	ST 6674	ST-403 complex	This study	SRR5123413
4830	CTA666	pet	dog	France	2015	-	-	This study	SRR5123330
4831	CTA675	pet	dog	France	2015	-	-	This study	SRR5123300
4832	CTA693	pet	dog	France	2015	ST 50	ST-21 complex	This study	SRR5123404
4833	CTA702	pet	dog	France	2015	-	-	This study	SRR5123486
4834	CTA710	pet	dog	France	2015	-	-	This study	SRR5123434
4835	CTA735	pet	dog	France	2015	ST 2066	ST-52 complex	This study	SRR5123326

4836	CTA736	pet	dog	France	2015	ST 21	ST-21 complex	This study	SRR5123450
4837	CTA738	pet	dog	France	2015	ST 21	ST-21 complex	This study	SRR5123370
4838	CTA780	pet	dog	France	2015	ST 45	ST-45 complex	This study	SRR5123384
4839	CTA789	pet	dog	France	2015	ST 354	ST-354 complex	This study	SRR5123356
4840	CTA792	pet	dog	France	2015	ST 353	ST-353 complex	This study	SRR5123315
4841	CTA801	pet	cat	France	2015	ST 267	ST-283 complex	This study	SRR5123376
4842	CTA806	pet	cat	France	2015	ST 267	ST-283 complex	This study	SRR5123377
4843	CTA848	pet	dog	France	2015	ST 19	ST-21 complex	This study	SRR5123329
4844	CTA855	pet	dog	France	2015	ST 6674	ST-403 complex	This study	SRR5123498
4845	ECR105.1	chicken	caecal sample	France	2008	ST 3574	ST-21 complex	This study	SRR5123296
4846	ECR150.1	chicken	caecal sample	France	2008	ST 6076	ST-45 complex	This study	SRR5123503
4847	H0026	human	human unspecified	France	2009	ST 475	ST-48 complex	This study	SRR5123459
4848	H0035	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123430
4849	H0044	human	human unspecified	France	2009	ST 475	ST-48 complex	This study	SRR5123408
4850	H0058	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123332
4851	H0065	human	human unspecified	France	2009	ST 19	ST-21 complex	This study	SRR5123396

4852	H0070	human	human unspecified	France	2009	ST 46	ST-206 complex	This study	SRR5123425
4853	H0079	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123463
4854	H0094	human	human unspecified	France	2009	ST 48	ST-48 complex	This study	SRR5123428
4855	H0097	human	human unspecified	France	2009	ST 5740	ST-206 complex	This study	SRR5123334
4856	H0148	human	human unspecified	France	2009	ST 2882	ST-353 complex	This study	SRR5123417
4857	H0149	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123306
4858	H0198	human	human unspecified	France	2009	ST 400	ST-353 complex	This study	SRR5123388
4859	H0232	human	human unspecified	France	2009	ST 883	ST-21 complex	This study	SRR5123323
4860	H0234	human	human unspecified	France	2009	ST 1949	ST-21 complex	This study	SRR5123383
4861	H0253	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123345
4862	H0271	human	human unspecified	France	2009	ST 2262	ST-48 complex	This study	SRR5123324
4863	H0296	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123399
4864	H0357	human	human unspecified	France	2009	ST 45	ST-45 complex	This study	SRR5123391
4865	H0436	human	human unspecified	France	2009	ST 45	ST-45 complex	This study	SRR5123303
4866	H0450	human	human unspecified	France	2009	ST 418	ST-45 complex	This study	SRR5123461
4867	H0465	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123487

4868	H0483	human	human unspecified	France	2009	ST 290	ST-206 complex	This study	SRR5123476
4869	H0544	human	human unspecified	France	2009	ST 464	ST-464 complex	This study	SRR5123457
4870	H0553	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123409
4871	H0604	human	human unspecified	France	2009	ST 464	ST-464 complex	This study	SRR5123505
4872	H0624	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123471
4873	H0642	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123313
4874	H0677	human	human unspecified	France	2009	ST 572	ST-206 complex	This study	SRR5123369
4875	H0679	human	human unspecified	France	2009	ST 5751	ST-353 complex	This study	SRR5123453
4876	H0701	human	human unspecified	France	2009	ST 47	ST-21 complex	This study	SRR5123400
4877	H0702	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123314
4878	H0711	human	human unspecified	France	2009	ST 464	ST-464 complex	This study	SRR5123422
4879	H0712	human	human unspecified	France	2009	ST 464	ST-464 complex	This study	SRR5123375
4880	H0783	human	human unspecified	France	2009	ST 5	ST-353 complex	This study	SRR5123365
4881	H0864	human	human unspecified	France	2009	ST 122	ST-206 complex	This study	SRR5123386
4882	H0998	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123424
4883	H1003	human	human unspecified	France	2009	ST 21	ST-21 complex	This study	SRR5123448

4884	H1460	human	human unspecified	France	2009	ST 5747	ST-48 complex	This study	SRR5123460
4885	H1911	human	human unspecified	France	2009	ST 356	ST-353 complex	This study	SRR5123392
4886	H2696	human	human unspecified	France	2009	ST 353	ST-353 complex	This study	SRR5123390
4887	IFR0079	environment	environmental waters	France	2013	ST 677	ST-677 complex	This study	SRR5123347
4888	IFR0116	environment	environmental waters	France	2013	ST 2162	-	This study	SRR5123489
4889	IFR0124	environment	environmental waters	France	2013	ST 177	ST-177 complex	This study	SRR5123499
4890	IFR0152	environment	environmental waters	France	2013	ST 45	ST-45 complex	This study	SRR5123482
4891	IFR0156	environment	environmental waters	France	2013	ST 5845	-	This study	SRR5123368
4892	IFR0179	environment	environmental waters	France	2013	ST 45	ST-45 complex	This study	SRR5123473
4893	IFR0186	environment	environmental waters	France	2013	-	-	This study	SRR5123302
4894	IFR0198	environment	environmental waters	France	2013	-	-	This study	SRR5123412
4895	IFR0234	environment	environmental waters	France	2013	ST 677	ST-677 complex	This study	SRR5123438
4896	IFR0245	environment	environmental waters	France	2013	ST 5101	-	This study	SRR5123381
4897	IFR0254	environment	environmental waters	France	2013	ST 3501	ST-952 complex	This study	SRR5123311
4898	IFR0279	environment	environmental waters	France	2013	ST 6788	ST-1332 complex	This study	SRR5123361
4899	IFR0337	environment	environmental waters	France	2013	ST 1347	ST-1347 complex	This study	SRR5123327

4900	IFR0340	environment	environmental waters	France	2013	ST 1409	-	This study	SRR5123349
4904	IFR0455	environment	environmental waters	France	2013	-	-	This study	SRR5123480
4905	IFR0457	environment	sand (bathing beach)	France	2013	ST 2654	-	This study	SRR5123355
4906	IFR0458	environment	sand (bathing beach)	France	2013	ST 2654	-	This study	SRR5123340
4907	IFR0459	environment	sand (bathing beach)	France	2013	ST 2654	-	This study	SRR5123325
4908	IFR0585	environment	environmental waters	France	2014	ST 3218	-	This study	SRR5123420
4909	IFR0589	environment	environmental waters	France	2014	ST 3923	-	This study	SRR5123346
4910	IFR0620	environment	environmental waters	France	2014	-	-	This study	SRR5123484
4911	IFR0621	environment	environmental waters	France	2014	-	-	This study	SRR5123490
4913	IFR0800	environment	environmental waters	France	2014	ST 583	ST-45 complex	This study	SRR5123403
4914	IFR0830	environment	environmental waters	France	2014	ST 177	ST-177 complex	This study	SRR5123485
4916	IFR0839	environment	mussel	France	2014	ST 1959	-	This study	SRR5123312
4917	IFR0841	environment	mussel	France	2014	ST 1959	-	This study	SRR5123414
4918	IFR0842	environment	mussel	France	2014	ST 1959	-	This study	SRR5123452
4919	IFR0870	environment	environmental waters	France	2014	ST 267	ST-283 complex	This study	SRR5123470
4920	IFR0873	environment	environmental waters	France	2014	-	-	This study	SRR5123431
4921	IFR0949	environment	environmental waters	France	2014	ST 5707	-	This study	SRR5123359
4923	IFR1011	environment	environmental waters	France	2014	ST 45	ST-45 complex	This study	SRR5123385

4924	IFR1020	environment	environmental waters	France	2014	-	-	This study	SRR5123439
4925	IFR1108	environment	environmental waters	France	2014	ST 448	-	This study	SRR5123305
4926	IFR1152	environment	environmental waters	France	2014	ST 1286	-	This study	SRR5123372
4927	IFR1162	environment	environmental waters	France	2014	ST 2654	-	This study	SRR5123398
4928	IFR1166	environment	environmental waters	France	2014	ST 2654	-	This study	SRR5123429
4929	IFR1223	environment	environmental waters	France	2014	ST 6076	ST-45 complex	This study	SRR5123343
4931	IFR1237	environment	environmental waters	France	2014	ST 5053	-	This study	SRR5123406
4932	IFR1268	environment	environmental waters	France	2015	ST 1316	-	This study	SRR5123339

a. Sequence types determined using the built-in MLST function of BIGSdb, linked with pubMLST databases. Lack of information denotes the possible truncation of a corresponding MLST locus at the end of a contig.

b. Clonal complex determined using the built-in MLST function of BIGSdb, linked with pubMLST databases. Lack of information denotes the possible truncation of a corresponding MLST locus at the end of a contig.

Table S2. Details of the 212 *Campylobacter jejuni* genomes sequenced in the study

Identifier	Strain name	Origin	Assembler used	Total length (bp)	Contigs		
					Number	Max. length	Mean length
4713	AC0264	chicken caecal sample	mira	1659041	33	272066	50274
4714	AC0281	chicken carcass swab	mira	1658623	31	218326	53504
4715	AC0302	chicken caecal sample	mira	1708711	43	155324	39738
4716	AC0400	chicken carcass swab	spades	1613836	33	325975	48905
4717	AC0465	chicken carcass swab	mira	1609517	46	133408	34990
4718	AC0473	chicken carcass swab	spades	1687124	73	140225	23112
4719	AC0559	chicken caecal sample	mira	1680321	52	160058	32314
4720	AC0568	chicken carcass swab	spades	1661457	78	162946	21301
4721	AC0691	chicken carcass swab	mira	1632863	59	135989	27676
4722	AC0745	chicken carcass swab	mira	1739167	256	496432	6794
4723	AC0791	chicken caecal sample	mira	1687432	47	146098	35903
4724	AC0927	chicken carcass swab	mira	1824644	105	165940	17378

4725	AC0994	chicken carcass swab	spades	1702265	62	153702	27456
4726	AC1136	chicken carcass swab	mira	1659757	33	341522	50296
4727	AC1151	chicken carcass swab	mira	1691809	35	212177	48338
4728	AC1363	chicken carcass swab	mira	1710993	25	390183	68440
4729	AC1474	chicken carcass swab	mira	1733621	312	223745	5557
4730	AC1476	chicken carcass swab	spades	1651196	61	139873	27069
4731	AC2327	chicken carcass swab	mira	1654077	60	174367	27568
4732	AC2811	chicken caecal sample	spades	1700937	74	193687	22986
4733	AC2823	chicken carcass swab	mira	1656286	51	118831	32477
4734	AC3107	chicken caecal sample	spades	1654114	51	342751	32434
4735	AC3201	chicken caecal sample	spades	1664084	82	103943	20294
4736	AC3497	chicken caecal sample	mira	1658541	66	133757	25130
4737	AC3940	chicken carcass swab	mira	1721782	56	125647	30747
4738	AC4322	chicken caecal sample	mira	1747849	79	138378	22125
4739	AC4401	chicken carcass swab	mira	1684571	53	136406	31785

4740	AC4520	chicken carcass swab	spades	1643378	319	28806	5152
4741	AC4896	chicken carcass swab	spades	1652363	151	80513	10943
4742	C0113	chicken offal or meat	mira	1612413	87	72657	18534
4743	C0118	chicken offal or meat	mira	1814140	135	89014	13439
4744	C0185	chicken offal or meat	mira	1726094	42	194220	41098
4745	C0191	chicken offal or meat	mira	1766863	81	101297	21814
4746	C0230	chicken offal or meat	mira	1692448	55	447418	30772
4747	C0274	chicken offal or meat	mira	1654800	107	191423	15466
4748	C0276	chicken offal or meat	mira	1661133	38	211479	43715
4749	C0303	chicken offal or meat	spades	1638821	65	105703	25213
4750	C0402	chicken offal or meat	mira	1689777	89	280978	18987
4751	C0519	chicken offal or meat	mira	1728037	115	108845	15027
4752	C0531	chicken offal or	mira	1704822	49	107435	34793
4753	C0743	chicken offal or meat	mira	1691598	50	156648	33832
4754	C0757	chicken offal or meat	mira	1758282	89	86207	19756
4755	C0784	chicken offal or meat	spades	1664186	89	90057	18699

4756	C0848	chicken offal or meat	mira	1601808	29	206467	55235
4757	C1055	chicken offal or meat	mira	1604923	34	128650	47204
4758	C1061	chicken offal or meat	mira	1621098	37	315009	43814
4759	C1141	chicken offal or meat	mira	1627507	87	203903	18707
4760	C1251	chicken offal or meat	mira	1740716	85	114993	20480
4761	C1267	chicken offal or meat	mira	1712634	79	128942	21679
4762	C1387	chicken offal or meat	mira	1811687	82	97459	22094
4763	C1516	chicken offal or meat	mira	1657895	49	165772	33835
4764	C1656	chicken offal or meat	mira	1735651	47	185526	36929
4765	C1658	chicken offal or meat	mira	1795737	87	171925	20641
4767	C1863	chicken offal or meat	mira	1681655	31	281427	54247
4768	C1871	chicken offal or meat	mira	1663035	43	131934	38676
4769	C2094	chicken offal or meat	mira	1732572	50	102608	34652
4770	C2122	chicken offal or meat	mira	1826719	395	433739	4625
4771	C2228	chicken offal or meat	mira	1769975	52	208713	34038

4772	C2234	chicken offal or meat	mira	1713672	39	311406	43941
4773	C2240	chicken offal or meat	mira	1645799	39	172957	42200
4774	C2244	chicken offal or meat	mira	1686917	100	102423	16870
4775	C2257	chicken offal or meat	mira	1724158	53	148477	32532
4776	C97anses640	chicken carcass swab	mira	1607255	30	202841	53576
4777	CB0004	cattle	mira	1611541	67	154475	24053
4778	CB0011	cattle	mira	1658487	36	169465	46070
4779	CB0012	cattle	mira	1664407	41	248316	40596
4780	CB0013	cattle	mira	1648247	39	263847	42263
4781	CB0023	cattle	mira	1696844	46	222613	36888
4782	CB0030	cattle	mira	1666795	36	322513	46300
4783	CB0031	cattle	mira	1643303	37	186678	44414
4784	CB0061	cattle	mira	1647614	40	221817	41191
4785	CB0072	cattle	mira	1657061	33	381277	50214
4786	CB0084	cattle	spades	1650813	68	154491	24277
4787	CB0089	cattle	mira	1771382	90	124213	19683
4788	CB0091	cattle	spades	1636044	42	270853	38954
4789	CB0096	cattle	mira	1665433	86	91920	19366
4790	CTA007	dog	spades	1736178	83	117340	20918
4791	CTA011	cat	spades	1682021	36	219854	46723
4792	CTA023	dog	mira	1770062	214	265943	8272
4793	CTA025	dog	mira	1795118	297	206063	6045
4794	CTA029	dog	mira	1837597	432	408355	4254
4795	CTA035	cat	spades	1680904	55	109470	30562
4796	CTA040	cat	mira	1800116	423	247413	4256
4797	CTA043	dog	spades	1609463	60	120524	26825

4798	CTA057	dog	spades	1773378	79	162140	22448
4799	CTA075	dog	spades	1780455	404	230367	4408
4800	CTA082	dog	spades	1686740	62	111556	27206
4801	CTA093	dog	mira	1717064	64	140833	26830
4802	CTA110	dog	spades	1689913	50	144933	33799
4803	CTA179	dog	spades	1600727	54	204938	29644
4804	CTA186	cat	spades	1684012	66	109491	25516
4805	CTA201	dog	spades	1734175	80	112206	21678
4806	CTA215	dog	spades	1646374	44	189253	37418
4807	CTA230	dog	spades	1699813	427	210008	3981
4808	CTA242	dog	spades	1683811	37	162713	45509
4809	CTA244	dog	spades	1611614	48	238569	33576
4810	CTA247	dog	spades	1899943	459	336336	4140
4811	CTA277	dog	spades	1617013	84	136695	19251
4812	CTA282	dog	mira	1674743	306	204791	5474
4813	CTA286	dog	mira	1720475	449	341014	3832
4814	CTA295	dog	spades	1799280	465	191467	3870
4815	CTA306	dog	spades	1773906	345	290540	5142
4816	CTA321	dog	spades	1717780	55	179148	31233
4817	CTA331	dog	mira	1692237	358	342872	4727
4818	CTA415	dog	mira	1862316	449	197115	4148
4819	CTA417	dog	mira	1790524	438	352188	4088
4820	CTA430	dog	spades	1796907	438	320965	4103
4821	CTA468	dog	mira	1729553	465	675769	3720
4822	CTA473	dog	mira	1834868	545	306255	3367
4823	CTA483	dog	spades	1869359	542	184156	3450
4824	CTA503	dog	mira	1875113	486	347823	3859
4825	CTA526	cat	spades	1731065	48	205325	36064
4826	CTA560	dog	mira	1749828	404	338084	4332
4827	CTA592	dog	mira	1817230	406	252098	4476
4828	CTA595	dog	mira	1774667	84	159355	21127

4829	CTA628	dog	mira	1740737	96	83494	18133
4830	CTA666	dog	mira	1737866	121	109281	14363
4831	CTA675	dog	mira	1741992	182	86138	9572
4832	CTA693	dog	mira	1726211	95	145733	18171
4833	CTA702	dog	mira	1735167	115	83704	15089
4834	CTA710	dog	spades	1658303	49	155937	33843
4835	CTA735	dog	mira	1866616	401	215670	4655
4836	CTA736	dog	mira	1758996	246	503409	7151
4837	CTA738	dog	mira	1770374	288	503809	6148
4838	CTA780	dog	mira	1612776	61	142515	26439
4839	CTA789	dog	mira	1868618	403	214690	4637
4840	CTA792	dog	mira	1764982	357	100159	4944
4841	CTA801	cat	mira	1661801	304	160441	5467
4842	CTA806	cat	mira	1654536	268	165911	6174
4843	CTA848	dog	mira	1776805	276	419194	6438
4844	CTA855	dog	mira	1892670	398	302163	4756
4845	ECR105.1	chicken caecal sample	spades	1695593	98	120482	17302
4846	ECR150.1	chicken caecal sample	mira	1798166	55	175189	32694
4847	H0026	human unspecified	spades	1712064	78	79463	21950
4848	H0035	human unspecified	mira	1708151	67	130388	25495
4849	H0044	human unspecified	mira	1645365	84	121847	19588
4850	H0058	human unspecified	mira	1708008	44	220088	38819
4851	H0065	human unspecified	mira	1657192	43	228855	38540
4852	H0070	human unspecified	mira	1663863	33	469415	50421
4853	H0079	human unspecified	mira	1706701	38	255376	44914
4854	H0094	human unspecified	mira	1643034	77	128651	21339
4855	H0097	human unspecified	mira	1702984	35	244256	48657
4856	H0148	human unspecified	mira	1774598	58	161522	30597
4857	H0149	human unspecified	spades	1703729	52	180118	32765

4858	H0198	human unspecified	mira	1755888	78	99549	22512
4859	H0232	human unspecified	mira	1677559	26	453233	64522
4860	H0234	human unspecified	mira	1679187	46	199913	36505
4861	H0253	human unspecified	spades	1768520	427	205620	4142
4862	H0271	human unspecified	spades	1636906	52	136184	31479
4863	H0296	human unspecified	mira	1711112	79	87794	21660
4864	H0357	human unspecified	mira	1654469	33	227603	50136
4865	H0436	human unspecified	spades	1695668	38	246119	44623
4866	H0450	human unspecified	mira	1655579	46	266491	35991
4867	H0465	human unspecified	mira	1707647	39	380017	43786
4868	H0483	human unspecified	mira	1673049	50	154664	33461
4869	H0544	human unspecified	mira	1752499	70	129534	25036
4870	H0553	human unspecified	mira	1929060	126	133223	15310
4871	H0604	human unspecified	mira	1753196	60	170507	29220
4872	H0624	human unspecified	mira	1717807	66	98429	26028
4873	H0642	human unspecified	mira	1661406	73	80351	22759
4874	H0677	human unspecified	mira	1718838	45	146650	38197
4875	H0679	human unspecified	mira	1708025	75	150702	22774
4876	H0701	human unspecified	spades	1628207	22	600393	74010
4877	H0702	human unspecified	mira	1744098	74	248833	23569
4878	H0711	human unspecified	mira	1753021	49	199557	35776
4879	H0712	human unspecified	mira	1749686	63	173716	27773
4880	H0783	human unspecified	mira	1692278	64	174958	26442
4881	H0864	human unspecified	mira	1677872	31	273722	54125
4882	H0998	human unspecified	mira	1772116	71	195816	24960
4883	H1003	human unspecified	mira	1659260	56	94582	29630
4884	H1460	human unspecified	mira	1712075	65	195814	26340
4885	H1911	human unspecified	spades	1780009	313	194041	5687
4886	H2696	human unspecified	mira	1688748	53	98118	31864
4887	IFR0079	environmental waters	mira	1710142	345	187363	4957

4888	IFR0116	environmental waters	mira	1658583	309	380921	5368
4889	IFR0124	environmental waters	mira	1705663	308	344951	5538
4890	IFR0152	environmental waters	mira	1612012	124	79025	13001
4891	IFR0156	environmental waters	mira	1812314	248	198166	7308
4892	IFR0179	environmental waters	mira	1649458	182	181414	9063
4893	IFR0186	environmental waters	mira	1850704	65	130990	28473
4894	IFR0198	environmental waters	mira	1635844	58	136717	28205
4895	IFR0234	environmental waters	mira	1691313	268	316590	6311
4896	IFR0245	environmental waters	mira	1830634	257	133022	7124
4897	IFR0254	environmental waters	mira	2016840	294	97623	6860
4898	IFR0279	environmental waters	mira	1580331	141	55998	11209
4899	IFR0337	environmental waters	mira	1847260	477	395480	3873
4900	IFR0340	environmental waters	mira	1687324	136	398192	12407
4904	IFR0455	environmental waters	mira	1683993	54	157018	31186
4905	IFR0457	sand (bathing beach)	mira	1656624	163	174282	10164

4906	IFR0458	sand (bathing beach)	mira	1631347	54	140184	30211
4907	IFR0459	sand (bathing beach)	mira	1629447	67	120538	24321
4908	IFR0585	environmental waters	mira	1846699	279	146375	6619
4909	IFR0589	environmental waters	mira	1589482	120	73183	13246
4910	IFR0620	environmental waters	mira	1802740	140	92611	12877
4911	IFR0621	environmental waters	mira	1906236	413	72852	4616
4913	IFR0800	environmental waters	mira	1780008	275	148929	6473
4914	IFR0830	environmental waters	mira	1605469	81	114818	19821
4916	IFR0839	mussel	mira	1730662	298	148929	5808
4917	IFR0841	mussel	mira	1689980	171	350888	9883
4918	IFR0842	mussel	mira	1738522	282	226445	6165
4919	IFR0870	environmental waters	mira	1600662	49	170590	32667
4920	IFR0873	environmental waters	mira	1768502	48	243576	36844
4921	IFR0949	environmental waters	mira	1645520	71	132310	23177
4923	IFR1011	environmental waters	mira	1661897	58	269047	28654
4924	IFR1020	environmental waters	mira	1620416	96	338938	16880
4925	IFR1108	environmental waters	mira	1767295	136	241189	12995

4926	IFR1152	environmental waters	mira	1591380	52	480815	30604
4927	IFR1162	environmental waters	mira	1633292	53	170064	30817
4928	IFR1166	environmental waters	mira	1627686	45	172045	36171
4929	IFR1223	environmental waters	mira	1713015	77	114742	22247
4931	IFR1237	environmental waters	mira	1625274	70	83156	23219
4932	IFR1268	environmental waters	mira	1551524	43	196624	36082

Table S3. Number of alleles at each locus of our pan-genome of *C. jejuni*

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_aas	258	11168_argS	184	11168_carB	210	11168_cheV	68
11168_aat	63	11168_aroA	112	11168_cbpA	113	11168_cheW	37
11168_accA	92	11168_aroB	105	11168_cbrR	121	11168_cheY	26
11168_accB	62	11168_aroC	112	11168_cca	118	11168_chuA	211
11168_accC	116	11168_aroE	97	11168_ccoN	91	11168_chuB	138
11168_accD	87	11168_aroK	85	11168_ccoO	53	11168_chuC	94
11168_ackA	178	11168_aroQ	58	11168_ccoP	70	11168_chuD	87
11168_acnB	156	11168_arsB	183	11168_ccoQ	29	11168_ciaB	162
11168_acpP	18	11168_asd	124	11168_cdsA	142	11168_cipA	233
11168_acpP2	41	11168_aspA	120	11168_cdtA	99	11168_Cj0004c	55
11168_acpP3	48	11168_aspB	134	11168_cdtB	81	11168_Cj0005c	156
11168_acpS	78	11168_aspS	165	11168_cdtC	79	11168_Cj0006	155
11168_acs	181	11168_atpA	85	11168_cetA	230	11168_Cj0008	27
11168_adk	95	11168_atpB	75	11168_cetB	99	11168_Cj0011c	43
11168_ahpC	65	11168_atpC	38	11168_ceuB	181	11168_Cj0014c	54
11168_alaS	168	11168_atpD	82	11168_ceuC	126	11168_Cj0015c	145
11168_ald'	56	11168_atpE	48	11168_ceuD	94	11168_Cj0016	97
11168_ald'2	26	11168_atpF	66	11168_ceuE	139	11168_Cj0019c	269
11168_alr	116	11168_atpF'	52	11168_cfa	101	11168_Cj0020c	162
11168_amaA	106	11168_atpG	68	11168_cfbpA	109	11168_Cj0021c	146
11168_amiA	221	11168_atpH	60	11168_cfbpB	152	11168_Cj0022c	148
11168_ansA	123	11168_bioA	129	11168_cfbpC	97	11168_Cj0025c	177
11168_apt	84	11168_bioB	100	11168_cfrA	123	11168_Cj0030	178
11168_argB	95	11168_bioC	74	11168_cft	59	11168_Cj0031	430
11168_argC	99	11168_bioD	78	11168_cgb	79	11168_Cj0033	53
11168_argD	115	11168_bioF	111	11168_cgpa	78	11168_Cj0034c	182
11168_argF	120	11168_birA	92	11168_cheA	148	11168_Cj0035c	239
11168_argG	132	11168_cadF	90	11168_cheB'	64	11168_Cj0036	226
11168_argH	139	11168_carA	92	11168_cheR	111	11168_Cj0037c	183

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj0038c	137	11168_Cj0122	40	11168_Cj0168c	51	11168_Cj0247c	91
11168_Cj0040	52	11168_Cj0123c	136	11168_Cj0170	71	11168_Cj0248	101
11168_Cj0044c	305	11168_Cj0124c	110	11168_Cj0172c	106	11168_Cj0249	70
11168_Cj0045c	252	11168_Cj0125c	64	11168_Cj0176c	38	11168_Cj0250c	138
11168_Cj0054c	81	11168_Cj0126c	63	11168_Cj0177	74	11168_Cj0251c	34
11168_Cj0055c	58	11168_Cj0128c	105	11168_Cj0178	95	11168_Cj0253	38
11168_Cj0056c	20	11168_Cj0129c	146	11168_Cj0182	121	11168_Cj0254	124
11168_Cj0057	121	11168_Cj0131	125	11168_Cj0183	132	11168_Cj0256	195
11168_Cj0058	96	11168_Cj0133	44	11168_Cj0184c	136	11168_Cj0258	56
11168_Cj0062c	20	11168_Cj0135	21	11168_Cj0185c	46	11168_Cj0260c	55
11168_Cj0063c	92	11168_Cj0138	116	11168_Cj0186c	87	11168_Cj0261c	136
11168_Cj0067	136	11168_Cj0139	59	11168_Cj0188c	135	11168_Cj0262c	71
11168_Cj0069	144	11168_Cj0140	183	11168_Cj0189c	81	11168_Cj0263	104
11168_Cj0070c	44	11168_Cj0141c	179	11168_Cj0190c	143	11168_Cj0264c	138
11168_Cj0073c	76	11168_Cj0142c	168	11168_Cj0198c	115	11168_Cj0265c	66
11168_Cj0074c	123	11168_Cj0143c	171	11168_Cj0199c	97	11168_Cj0266c	73
11168_Cj0075c	79	11168_Cj0144	69	11168_Cj0200c	42	11168_Cj0267c	115
11168_Cj0080	36	11168_Cj0145	198	11168_Cj0201c	69	11168_Cj0268c	124
11168_Cj0085c	99	11168_Cj0148c	60	11168_Cj0202c	53	11168_Cj0270	41
11168_Cj0089	143	11168_Cj0150c	130	11168_Cj0203	153	11168_Cj0271	82
11168_Cj0090	65	11168_Cj0151c	89	11168_Cj0204	183	11168_Cj0272	131
11168_Cj0091	79	11168_Cj0152c	116	11168_Cj0208	117	11168_Cj0280	52
11168_Cj0092	133	11168_Cj0153c	96	11168_Cj0225	70	11168_Cj0286c	79
11168_Cj0093	154	11168_Cj0154c	79	11168_Cj0229	78	11168_Cj0294	128
11168_Cj0100	91	11168_Cj0156c	54	11168_Cj0230c	106	11168_Cj0295	39
11168_Cj0101	82	11168_Cj0157c	53	11168_Cj0232c	47	11168_Cj0299	42
11168_Cj0111	95	11168_Cj0158c	84	11168_Cj0236c	99	11168_Cj0302c	59
11168_Cj0114	108	11168_Cj0159c	59	11168_Cj0238	135	11168_Cj0305c	92
11168_Cj0118	85	11168_Cj0160c	97	11168_Cj0239c	77	11168_Cj0309c	71
11168_Cj0119	61	11168_Cj0162c	40	11168_Cj0241c	62	11168_Cj0310c	70
11168_Cj0120	85	11168_Cj0163c	64	11168_Cj0243c	116	11168_Cj0311	67
11168_Cj0121	63	11168_Cj0167c	59	11168_Cj0246c	57	11168_Cj0313	147

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj0315	105	11168_Cj0394c	86	11168_Cj0448c	96	11168_Cj0522	125
11168_Cj0323	160	11168_Cj0395c	64	11168_Cj0449c	20	11168_Cj0523	88
11168_Cj0327	61	11168_Cj0396c	116	11168_Cj0454c	84	11168_Cj0524	84
11168_Cj0331c	68	11168_Cj0397c	69	11168_Cj0455c	43	11168_Cj0529c	104
11168_Cj0339	127	11168_Cj0399	75	11168_Cj0456c	109	11168_Cj0530	165
11168_Cj0340	103	11168_Cj0403	74	11168_Cj0457c	71	11168_Cj0539	33
11168_Cj0341c	87	11168_Cj0404	132	11168_Cj0459c	20	11168_Cj0540	79
11168_Cj0343c	90	11168_Cj0406c	93	11168_Cj0461c	116	11168_Cj0541	89
11168_Cj0344	27	11168_Cj0411	213	11168_Cj0462	99	11168_Cj0544	100
11168_Cj0350	47	11168_Cj0412	157	11168_Cj0463	151	11168_Cj0550	47
11168_Cj0352	110	11168_Cj0413	94	11168_Cj0467	89	11168_Cj0552	59
11168_Cj0353c	135	11168_Cj0414	95	11168_Cj0468	88	11168_Cj0553	99
11168_Cj0355c	53	11168_Cj0415	144	11168_Cj0469	86	11168_Cj0554	92
11168_Cj0357c	60	11168_Cj0416	17	11168_Cj0480c	75	11168_Cj0555	190
11168_Cj0358	89	11168_Cj0417	37	11168_Cj0484	75	11168_Cj0556	98
11168_Cj0362	67	11168_Cj0418c	104	11168_Cj0485	34	11168_Cj0557c	142
11168_Cj0363c	115	11168_Cj0419	48	11168_Cj0486	71	11168_Cj0559	85
11168_Cj0364	31	11168_Cj0420	75	11168_Cj0487	41	11168_Cj0560	182
11168_Cj0369c	170	11168_Cj0421c	151	11168_Cj0488	36	11168_Cj0561c	111
11168_Cj0371	85	11168_Cj0422c	27	11168_Cj0494	25	11168_Cj0563	124
11168_Cj0372	113	11168_Cj0423	25	11168_Cj0495	114	11168_Cj0564	55
11168_Cj0373	107	11168_Cj0424	30	11168_Cj0496	53	11168_Cj0566	75
11168_Cj0374	76	11168_Cj0425	28	11168_Cj0497	128	11168_Cj0567	5
11168_Cj0375	101	11168_Cj0426	149	11168_Cj0499	63	11168_Cj0568	18
11168_Cj0376	113	11168_Cj0427	52	11168_Cj0500	136	11168_Cj0569	47
11168_Cj0377	143	11168_Cj0428	58	11168_Cj0504c	102	11168_Cj0570	130
11168_Cj0378c	98	11168_Cj0429c	98	11168_Cj0505c	119	11168_Cj0571	117
11168_Cj0379c	119	11168_Cj0430	212	11168_Cj0510c	36	11168_Cj0573	56
11168_Cj0380c	95	11168_Cj0431	89	11168_Cj0511	126	11168_Cj0579c	49
11168_Cj0385c	107	11168_Cj0436	105	11168_Cj0515	109	11168_Cj0580c	126
11168_Cj0390	163	11168_Cj0440c	82	11168_Cj0519	67	11168_Cj0581	81
11168_Cj0391c	81	11168_Cj0447	71	11168_Cj0520	75	11168_Cj0583	116

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj0584	100	11168_Cj0645	105	11168_Cj0722c	99	11168_Cj0791c	165
11168_Cj0587	138	11168_Cj0646	105	11168_Cj0723c	160	11168_Cj0792	126
11168_Cj0590	65	11168_Cj0647	88	11168_Cj0724	27	11168_Cj0794	98
11168_Cj0591c	42	11168_Cj0648	65	11168_Cj0727	116	11168_Cj0796c	105
11168_Cj0592c	100	11168_Cj0649	58	11168_Cj0728	129	11168_Cj0797c	59
11168_Cj0593c	74	11168_Cj0651	117	11168_Cj0729	72	11168_Cj0800c	181
11168_Cj0594c	85	11168_Cj0653c	168	11168_Cj0730	95	11168_Cj0801	206
11168_Cj0598	132	11168_Cj0659c	91	11168_Cj0731	111	11168_Cj0805	120
11168_Cj0599	87	11168_Cj0660c	133	11168_Cj0732	92	11168_Cj0807	91
11168_Cj0600	110	11168_Cj0667	47	11168_Cj0733	71	11168_Cj0808c	96
11168_Cj0601c	136	11168_Cj0668	57	11168_Cj0735	129	11168_Cj0809c	73
11168_Cj0602c	106	11168_Cj0669	75	11168_Cj0736	136	11168_Cj0814	205
11168_Cj0604	160	11168_Cj0672	61	11168_Cj0737	67	11168_Cj0815	93
11168_Cj0605	127	11168_Cj0681	26	11168_Cj0738	20	11168_Cj0816	38
11168_Cj0606	157	11168_Cj0682	36	11168_Cj0739	13	11168_Cj0818	28
11168_Cj0607	171	11168_Cj0683	62	11168_Cj0740	25	11168_Cj0819	9
11168_Cj0608	146	11168_Cj0690c	189	11168_Cj0741	133	11168_Cj0823	81
11168_Cj0609c	177	11168_Cj0691	75	11168_Cj0747	22	11168_Cj0825	166
11168_Cj0610c	131	11168_Cj0692c	141	11168_Cj0748	25	11168_Cj0826	110
11168_Cj0611c	158	11168_Cj0694	131	11168_Cj0760	133	11168_Cj0829c	74
11168_Cj0617	90	11168_Cj0700	83	11168_Cj0761	62	11168_Cj0830	68
11168_Cj0618	40	11168_Cj0701	99	11168_Cj0768c	85	11168_Cj0832c	165
11168_Cj0619	197	11168_Cj0703	56	11168_Cj0770c	100	11168_Cj0833c	95
11168_Cj0620	149	11168_Cj0705	110	11168_Cj0771c	112	11168_Cj0834c	178
11168_Cj0621	181	11168_Cj0706	118	11168_Cj0772c	87	11168_Cj0837c	114
11168_Cj0628	142	11168_Cj0708	109	11168_Cj0773c	112	11168_Cj0839c	36
11168_Cj0630c	202	11168_Cj0711	20	11168_Cj0774c	122	11168_Cj0842	64
11168_Cj0631c	224	11168_Cj0715	40	11168_Cj0776c	145	11168_Cj0843c	196
11168_Cj0633	154	11168_Cj0716	129	11168_Cj0777	192	11168_Cj0844c	34
11168_Cj0635	64	11168_Cj0717	44	11168_Cj0786	31	11168_Cj0846	176
11168_Cj0636	160	11168_Cj0719c	93	11168_Cj0787	35	11168_Cj0848c	64
11168_Cj0644	124	11168_Cj0721c	78	11168_Cj0788	52	11168_Cj0849c	106

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj0850c	137	11168_Cj0919c	86	11168_Cj0974	43	11168_Cj1022c	54
11168_Cj0851c	117	11168_Cj0920c	78	11168_Cj0975	159	11168_Cj1025c	69
11168_Cj0852c	70	11168_Cj0926	40	11168_Cj0976	100	11168_Cj1026c	78
11168_Cj0854c	59	11168_Cj0928	90	11168_Cj0977	70	11168_Cj1028c	58
11168_Cj0859c	28	11168_Cj0930	141	11168_Cj0978c	28	11168_Cj1034c	74
11168_Cj0860	57	11168_Cj0934c	153	11168_Cj0979c	97	11168_Cj1035c	70
11168_Cj0864	58	11168_Cj0935c	135	11168_Cj0980	131	11168_Cj1036c	45
11168_Cj0873c	53	11168_Cj0937	126	11168_Cj0983	126	11168_Cj1038	144
11168_Cj0874c	119	11168_Cj0939c	41	11168_Cj0984	123	11168_Cj1040c	189
11168_Cj0876c	76	11168_Cj0941c	133	11168_Cj0986c	28	11168_Cj1041c	84
11168_Cj0877c	16	11168_Cj0944c	107	11168_Cj0987c	155	11168_Cj1042c	107
11168_Cj0878	32	11168_Cj0945c	169	11168_Cj0988c	108	11168_Cj1043c	92
11168_Cj0879c	112	11168_Cj0946	140	11168_Cj0989	49	11168_Cj1049c	109
11168_Cj0880c	48	11168_Cj0947c	91	11168_Cj0990c	103	11168_Cj1053c	82
11168_Cj0881c	81	11168_Cj0948c	122	11168_Cj0991c	150	11168_Cj1055c	174
11168_Cj0883c	61	11168_Cj0949c	91	11168_Cj0993c	74	11168_Cj1056c	131
11168_Cj0888c	210	11168_Cj0950c	85	11168_Cj0997	84	11168_Cj1057c	18
11168_Cj0889c	185	11168_Cj0951c	108	11168_Cj0998c	75	11168_Cj1060c	53
11168_Cj0890c	69	11168_Cj0952c	94	11168_Cj0999c	117	11168_Cj1062	134
11168_Cj0892c	56	11168_Cj0954c	118	11168_Cj1000	106	11168_Cj1063	90
11168_Cj0898	57	11168_Cj0957c	121	11168_Cj1002c	88	11168_Cj1068	119
11168_Cj0900c	53	11168_Cj0958c	120	11168_Cj1003c	122	11168_Cj1069	139
11168_Cj0901	105	11168_Cj0959c	70	11168_Cj1004	64	11168_Cj1074c	116
11168_Cj0903c	138	11168_Cj0962	39	11168_Cj1005c	160	11168_Cj1075	23
11168_Cj0904c	66	11168_Cj0963	102	11168_Cj1006c	129	11168_Cj1078	66
11168_Cj0906c	84	11168_Cj0964	131	11168_Cj1007c	134	11168_Cj1079	74
11168_Cj0908	102	11168_Cj0965c	50	11168_Cj1009c	123	11168_Cj1083c	102
11168_Cj0909	59	11168_Cj0967	204	11168_Cj1011	126	11168_Cj1084c	89
11168_Cj0910	62	11168_Cj0970	28	11168_Cj1012c	109	11168_Cj1086c	81
11168_Cj0911	61	11168_Cj0971	31	11168_Cj1013c	169	11168_Cj1087c	114
11168_Cj0915	40	11168_Cj0972	34	11168_Cj1020c	40	11168_Cj1089c	180
11168_Cj0916c	30	11168_Cj0973	30	11168_Cj1021c	96	11168_Cj1090c	72

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj1095	150	11168_Cj1169c	43	11168_Cj1241	133	11168_Cj1308	43
11168_Cj1097	149	11168_Cj1172c	101	11168_Cj1242	122	11168_Cj1309c	115
11168_Cj1099	149	11168_Cj1173	93	11168_Cj1244	118	11168_Cj1310c	270
11168_Cj1100	50	11168_Cj1174	88	11168_Cj1245c	143	11168_Cj1319	144
11168_Cj1101	192	11168_Cj1178c	215	11168_Cj1247c	79	11168_Cj1320	134
11168_Cj1104	120	11168_Cj1180c	93	11168_Cj1249	162	11168_Cj1321	69
11168_Cj1106	77	11168_Cj1191c	72	11168_Cj1251	60	11168_Cj1322	58
11168_Cj1110c	159	11168_Cj1193c	169	11168_Cj1252	189	11168_Cj1323	41
11168_Cj1111c	64	11168_Cj1194	188	11168_Cj1254	95	11168_Cj1324	94
11168_Cj1112c	54	11168_Cj1198	62	11168_Cj1255	25	11168_Cj1325	111
11168_Cj1113	113	11168_Cj1200	93	11168_Cj1256c	106	11168_Cj1329	124
11168_Cj1115c	96	11168_Cj1203c	37	11168_Cj1257c	209	11168_Cj1330	129
11168_Cj1122c	27	11168_Cj1207c	69	11168_Cj1258	135	11168_Cj1340c	228
11168_Cj1132c	142	11168_Cj1208	78	11168_Cj1270c	102	11168_Cj1343c	149
11168_Cj1135	126	11168_Cj1209	155	11168_Cj1275c	151	11168_Cj1344c	165
11168_Cj1136	52	11168_Cj1210	69	11168_Cj1276c	91	11168_Cj1345c	234
11168_Cj1137c	16	11168_Cj1211	165	11168_Cj1277c	53	11168_Cj1348c	78
11168_Cj1138	23	11168_Cj1214c	80	11168_Cj1279c	132	11168_Cj1349c	192
11168_Cj1145c	51	11168_Cj1215	90	11168_Cj1280c	110	11168_Cj1356c	90
11168_Cj1153	39	11168_Cj1216c	39	11168_Cj1285c	122	11168_Cj1360c	4
11168_Cj1154c	43	11168_Cj1217c	102	11168_Cj1287c	147	11168_Cj1361c	67
11168_Cj1155c	222	11168_Cj1219c	217	11168_Cj1289	119	11168_Cj1365c	131
11168_Cj1158c	58	11168_Cj1224	65	11168_Cj1295	258	11168_Cj1367c	163
11168_Cj1159c	54	11168_Cj1225	40	11168_Cj1296	111	11168_Cj1368	131
11168_Cj1160c	52	11168_Cj1226c	100	11168_Cj1297	21	11168_Cj1369	160
11168_Cj1161c	237	11168_Cj1227c	55	11168_Cj1298	104	11168_Cj1370	96
11168_Cj1162c	44	11168_Cj1232	96	11168_Cj1300	96	11168_Cj1371	112
11168_Cj1163c	141	11168_Cj1233	102	11168_Cj1301	46	11168_Cj1372	109
11168_Cj1164c	56	11168_Cj1235	129	11168_Cj1302	158	11168_Cj1373	174
11168_Cj1165c	95	11168_Cj1236	148	11168_Cj1305c	426	11168_Cj1374c	94
11168_Cj1166c	118	11168_Cj1237c	144	11168_Cj1306c	306	11168_Cj1375	196
11168_Cj1168c	134	11168_Cj1240c	100	11168_Cj1307	162	11168_Cj1376	34

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj1377c	153	11168_Cj1438c	12	11168_Cj1506c	176	11168_Cj1580c	97
11168_Cj1380	81	11168_Cj1440c	18	11168_Cj1507c	103	11168_Cj1581c	77
11168_Cj1381	102	11168_Cj1442c	119	11168_Cj1513c	24	11168_Cj1582c	149
11168_Cj1383c	81	11168_Cj1449c	92	11168_Cj1514c	88	11168_Cj1583c	179
11168_Cj1384c	44	11168_Cj1450	96	11168_Cj1515c	128	11168_Cj1584c	174
11168_Cj1386	81	11168_Cj1452	159	11168_Cj1516	185	11168_Cj1585c	101
11168_Cj1387c	93	11168_Cj1454c	166	11168_Cj1521c	69	11168_Cj1587c	178
11168_Cj1388	64	11168_Cj1456c	49	11168_Cj1522c	142	11168_Cj1588c	127
11168_Cj1394	166	11168_Cj1459	129	11168_Cj1523c	270	11168_Cj1589	113
11168_Cj1397	31	11168_Cj1460	73	11168_Cj1532	100	11168_Cj1602	71
11168_Cj1405	77	11168_Cj1461	121	11168_Cj1533c	121	11168_Cj1608	97
11168_Cj1406c	99	11168_Cj1465	60	11168_Cj1534c	69	11168_Cj1609	99
11168_Cj1407c	150	11168_Cj1467	99	11168_Cj1538c	139	11168_Cj1613c	90
11168_Cj1410c	88	11168_Cj1468	113	11168_Cj1539c	98	11168_Cj1618c	124
11168_Cj1411c	173	11168_Cj1472c	95	11168_Cj1540	118	11168_Cj1621	91
11168_Cj1412c	214	11168_Cj1476c	181	11168_Cj1541	87	11168_Cj1623	87
11168_Cj1416c	84	11168_Cj1477c	78	11168_Cj1542	102	11168_Cj1626c	49
11168_Cj1417c	64	11168_Cj1481c	157	11168_Cj1543	123	11168_Cj1627c	99
11168_Cj1418c	147	11168_Cj1482c	206	11168_Cj1544c	138	11168_Cj1631c	119
11168_Cj1419c	85	11168_Cj1483c	65	11168_Cj1545c	122	11168_Cj1632c	42
11168_Cj1420c	125	11168_Cj1484c	93	11168_Cj1546	71	11168_Cj1633	103
11168_Cj1421c	19	11168_Cj1485c	20	11168_Cj1547	110	11168_Cj1637c	106
11168_Cj1422c	5	11168_Cj1486c	33	11168_Cj1548c	147	11168_Cj1639	43
11168_Cj1426c	17	11168_Cj1491c	92	11168_Cj1555c	41	11168_Cj1640	71
11168_Cj1427c	38	11168_Cj1492c	142	11168_Cj1556	14	11168_Cj1642	53
11168_Cj1429c	58	11168_Cj1493c	90	11168_Cj1558	22	11168_Cj1643	86
11168_Cj1432c	32	11168_Cj1495c	48	11168_Cj1561	68	11168_Cj1648	123
11168_Cj1433c	15	11168_Cj1496c	66	11168_Cj1562	35	11168_Cj1649	151
11168_Cj1434c	22	11168_Cj1497c	54	11168_Cj1563c	100	11168_Cj1650	86
11168_Cj1435c	1	11168_Cj1500	111	11168_Cj1564	63	11168_Cj1653c	78
11168_Cj1436c	8	11168_Cj1501	45	11168_Cj1574c	65	11168_Cj1656c	24
11168_Cj1437c	10	11168_Cj1505c	85	11168_Cj1575c	31	11168_Cj1658	192

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_Cj1660	180	11168_cjeI	332	11168_cysQ	98	11168_dsbI	141
11168_Cj1661	126	11168_clpA	135	11168_cysS	137	11168_dut	120
11168_Cj1662	118	11168_clpB	157	11168_dapA	97	11168_dxr	160
11168_Cj1663	76	11168_clpP	55	11168_dapA	32	11168_dxs	149
11168_Cj1664	61	11168_clpS	44	11168_dapB	88	11168_efp	57
11168_Cj1665	71	11168_clpX	115	11168_dapD	123	11168_engA	149
11168_Cj1666c	77	11168_cmeA	123	11168_dapE	150	11168_engB	62
11168_Cj1667c	78	11168_cmeB	201	11168_dapF	95	11168_eno	117
11168_Cj1668c	54	11168_cmeC	126	11168_dba	14	11168_era	139
11168_Cj1669c	106	11168_cmeD	116	11168_dccR	68	11168_exbB1	78
11168_Cj1671c	15	11168_cmeE	84	11168_dccS	178	11168_exbB2	71
11168_Cj1674	106	11168_cmeF	227	11168_dcd	80	11168_exbB3	52
11168_Cj1677	142	11168_cmeR	106	11168_dctA	139	11168_exbD1	23
11168_Cj1679	89	11168_coaD	57	11168_dcuA	119	11168_exbD2	76
11168_Cj1680c	101	11168_coaE	100	11168_dcuB	150	11168_exbD3	40
11168_Cj1684c	130	11168_corA	104	11168_ddl	145	11168_exoA	86
11168_Cj1687	159	11168_crcB	54	11168_def	80	11168_fabD	94
11168_Cj1709c	112	11168_csrA	12	11168_dfp	148	11168_fabF	103
11168_Cj1710c	174	11168_cstA	158	11168_dgkA	115	11168_fabG	83
11168_Cj1712	86	11168_cstIII	14	11168_dnaA	254	11168_fabH	95
11168_Cj1713	121	11168_ctb	57	11168_dnaB	128	11168_fabH2	133
11168_Cj1714	33	11168_ctsD	148	11168_dnaE	183	11168_fabI	113
11168_Cj1715	71	11168_ctsE	156	11168_dnaG	168	11168_fabZ	51
11168_Cj1720	108	11168_ctsP	76	11168_dnaJ	178	11168_fba	121
11168_Cj1721c	12	11168_ctsR	43	11168_dnaK	186	11168_fbp	82
11168_Cj1722c	2	11168_ctsT	33	11168_dnaN	236	11168_fcl	17
11168_Cj1723c	4	11168_cydA	146	11168_dnaQ	111	11168_fdhA	173
11168_Cj1724c	108	11168_cydB	126	11168_dnaX	188	11168_fdhB	43
11168_Cj1725	36	11168_cynT	54	11168_dprA	117	11168_fdhC	81
11168_Cj1728c	69	11168_cysC	66	11168_dsbA	91	11168_fdhD	118
11168_cjaA	105	11168_cysE	108	11168_dsbB	106	11168_fdxA	45
11168_cjaB	200	11168_cysM	94	11168_dsbD	172	11168_fdxB	11

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_feoB	207	11168_fliI	100	11168_gatB	160	11168_gyrA	183
11168_ffh	143	11168_fliK	203	11168_gatC	56	11168_gyrB	218
11168_flaA	223	11168_fliL	96	11168_gidA	223	11168_hddA	139
11168_flaB	221	11168_fliM	108	11168_glcD	137	11168_hddC	105
11168_flaC	89	11168_fliN	27	11168_glf	11	11168_hddC	16
11168_flaG	65	11168_fliP	111	11168_glmM	105	11168_hemA	154
11168 fldA	71	11168_fliQ	41	11168_glmS	172	11168_hemB	111
11168_flgA	100	11168_fliR	112	11168_glmU	141	11168_hemC	109
11168_flgB	50	11168_fliS	44	11168_glnA	129	11168_hemD	74
11168_flgC	59	11168_fliY	104	11168_glnH	102	11168_hemE	128
11168_flgD	93	11168_fmt	84	11168_glnP	148	11168_hemH	149
11168_flgE	145	11168_folB	73	11168_glnQ	87	11168_hemL	122
11168_flgE	114	11168_folC	153	11168_gltA	107	11168_hemN	117
11168_flgG	61	11168_folD	87	11168_gltB	289	11168_hipO	143
11168_flgG2	85	11168_folE	95	11168_gltD	147	11168_hisA	107
11168_flgH	105	11168_folK	51	11168_gltX	148	11168_hisB	116
11168_flgI	112	11168_folP	126	11168_gltX	133	11168_hisC	118
11168_flgJ	70	11168_frdA	118	11168_glyA	99	11168_hisD	111
11168_flgK	141	11168_frdB	66	11168_glyQ	89	11168_hisF	117
11168_flgL	144	11168_frdC	104	11168_glyS	202	11168_hisF	88
11168_flgM	39	11168_frr	78	11168_gmhA	134	11168_hisG	81
11168_flgR	190	11168_ftsA	118	11168_gmhA2	101	11168_hisH	125
11168_flgS	122	11168_ftsH	120	11168_gmhB	130	11168_hisH	65
11168_flhA	139	11168_ftsK	221	11168_gmk	106	11168_hisI	80
11168_flhB	102	11168_ftsY	113	11168_gne	129	11168_hisJ	138
11168_flhF	122	11168_ftsZ	98	11168_gpsA	120	11168_hisS	117
11168_fliA	72	11168_fumC	175	11168_greA	61	11168_hldD	115
11168_fliD	174	11168_fur	54	11168_groEL	128	11168_hldE	154
11168_fliE	28	11168_fusA	135	11168_groES	30	11168_hom	140
11168_fliF	133	11168_galU	88	11168_grpE	92	11168_hrcA	95
11168_fliG	77	11168_gapA	124	11168_guaA	146	11168_hsdM	22
11168_fliH	90	11168_gatA	171	11168_guaB	137	11168_hsdR	35

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_hsdS	15	11168_iscS	91	11168_leuS	196	11168_metC'	29
11168_hslU	167	11168_ispA	93	11168_lgt	72	11168_metE	153
11168_hslV	69	11168_ispDF	121	11168_ligA	177	11168_metF	93
11168_hspR	65	11168_ispG	131	11168_livF	67	11168_metG	166
11168_htpG	156	11168_ispH	102	11168_livG	69	11168_metK	100
11168_htrA	127	11168_katA	121	11168_livH	89	11168_mfd	259
11168_htrB	195	11168_kdpB	264	11168_livJ	111	11168_miaA	86
11168_hupB	31	11168_kdpD	204	11168_livK	101	11168_miaB	112
11168_hydA	103	11168_kdsA	82	11168_livM	118	11168_mloB	17
11168_hydA2	170	11168_kdsB	86	11168_lolA	91	11168_mnmA	111
11168_hydB	147	11168_kdtA	123	11168_lon	140	11168_mnmC	195
11168_hydC	95	11168_kefB	166	11168_lpxA	92	11168_moaA	88
11168_hydD	101	11168_kfiD	9	11168_lpxB	118	11168_moaC	77
11168_hypA	84	11168_kgtP	148	11168_lpxC	87	11168_moaD	37
11168_hypB	125	11168_kpsC	226	11168_lpxD	102	11168_moaE	87
11168_hypC	61	11168_kpsD	168	11168_lpxK	124	11168_mobA	78
11168_hypD	144	11168_kpsE	128	11168_lspA	82	11168_mobB	76
11168_hypE	140	11168_kpsF	144	11168_lysA	105	11168_modA	85
11168_hypF	205	11168_kpsM	171	11168_lysC	126	11168_modB	108
11168_iamA	112	11168_kpsS	217	11168_lysS	111	11168_modC	133
11168_iamB	128	11168_kpsT	99	11168_maf	54	11168_moeA	133
11168_icd	144	11168_ksgA	82	11168_maf1	156	11168_moeA2	157
11168_ileS	212	11168_ktrA	70	11168_maf3	201	11168_moeB	118
11168_ilvA	144	11168_ktrB	120	11168_maf4	155	11168_mogA	85
11168_ilvC	124	11168_lctP	118	11168_maf6	246	11168_motA	73
11168_ilvD	151	11168_ldh	133	11168_maf7	239	11168_motB	94
11168_ilvE	89	11168_lepA	150	11168_map	99	11168_mqo	125
11168_ilvH	62	11168_lepP	114	11168_mapA	72	11168_mraW	133
11168_ilvI	131	11168_leuA	188	11168_mdh	108	11168_mraY	151
11168_infA	13	11168_leuB	126	11168_metA	64	11168_mrdB	130
11168_infB	259	11168_leuC	121	11168_metB	77	11168_mreB	117
11168_infC	43	11168_leuD	94	11168_metC'	121	11168_mreC	84

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_mrp	100	11168_nrfA	173	11168_panD	31	11168_pglK	213
11168_mrsA	73	11168_nrfH	63	11168_pbpA	120	11168_pgm	122
11168_msbA	178	11168_nssR	84	11168_pbpB	141	11168_pgpA	78
11168_murA	147	11168_nth	59	11168_pbpC	136	11168_pgsA	104
11168_murB	123	11168_nuoA	84	11168_pckA	103	11168_pheA	96
11168_murC	146	11168_nuoB	66	11168_pcm	78	11168_pheS	95
11168_murD	141	11168_nuoC	130	11168_pdxA	193	11168_pheT	154
11168_murE	128	11168_nuoD	98	11168_pdxJ	102	11168_pldA	140
11168_murF	177	11168_nuoG	188	11168_peg1A	100	11168_plsC	101
11168_murG	116	11168_nuoH	133	11168_peg2	104	11168_plsX	95
11168_murI	88	11168_nuoI	92	11168_peg3	91	11168_pnk	100
11168_mutS	238	11168_nuoJ	111	11168_peg4cbf2	91	11168_pnp	262
11168_mutY	138	11168_nuoK	73	11168_pegC	81	11168_polA	162
11168_nadD	91	11168_nuoL	204	11168_pepA	120	11168_porA	302
11168_nadE	84	11168_nuoM	175	11168_perR	67	11168_ppa	79
11168_napA	177	11168_nuoN	163	11168_petA	61	11168_ppi	109
11168_napB	54	11168_nusA	78	11168_petB	110	11168_ppk	181
11168_napD	47	11168_nusB	70	11168_petC	131	11168_prfA	111
11168_napG	108	11168_nusG	25	11168_pflA	216	11168_prfB	148
11168_napH	93	11168_obgE	83	11168_pfs	82	11168_priA	194
11168_napL	103	11168_ogt	74	11168_pgi	123	11168_prmA	96
11168_ndk	48	11168_omp50	239	11168_pgk	110	11168_proA	131
11168_neuA1	56	11168_oorA	103	11168_pglA	150	11168_proB	90
11168_neuB1	16	11168_oorB	78	11168_pglB	210	11168_proC	90
11168_neuB2	185	11168_oorC	58	11168_pglC	100	11168_proS	143
11168_neuC1	14	11168_oorD	56	11168_pglD	86	11168_prsA	78
11168_neuC2	184	11168_p19	73	11168_pglE	99	11168_psd	92
11168_nhaA	128	11168_pabA	130	11168_pglF	195	11168_pseA	160
11168_nhaA1	118	11168_pabB	190	11168_pglG	89	11168_pseB	141
11168_npdA	147	11168_pal	57	11168_pglH	116	11168_pseC	166
11168_nrdA	185	11168_panB	45	11168_pglI	114	11168_pseD	216
11168_nrdF	88	11168_panC	50	11168_pglJ	123	11168_pseE	244

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_pseF	115	11168_pyrB	122	11168_rnhA	33	11168_rpmH	19
11168_pseG	113	11168_pyrC	88	11168_rnhB	102	11168_rpmI	13
11168_pseH	97	11168_pyrC2	126	11168_rnpA	45	11168_rpmJ	6
11168_pseI	193	11168_pyrD	114	11168_rpiB	45	11168_rpoA	74
11168_pspA	110	11168_pyrE	71	11168_rplA	75	11168_rpoB	167
11168_pssA	88	11168_pyrF	82	11168_rplB	88	11168_rpoC	180
11168_pstA	172	11168_pyrG	130	11168_rplC	62	11168_rpoD	151
11168_pstB	109	11168_pyrH	64	11168_rplD	78	11168_rpoN	147
11168_pstC	123	11168_queA	103	11168_rplE	48	11168_rpoZ	34
11168_pstS	139	11168_racR	81	11168_rplF	37	11168_rpsA	131
11168_pta	153	11168_racS	166	11168_rplI	72	11168_rpsB	80
11168_pth	60	11168_radA	123	11168_rplJ	51	11168_rpsC	59
11168_ptmA	107	11168_rbfA	77	11168_rplK	31	11168_rpsD	58
11168_ptmB	127	11168_rbn	79	11168_rplL	42	11168_rpsE	81
11168_purA	93	11168_rdxA	127	11168_rplM	38	11168_rpsF	44
11168_purB	145	11168_recA	83	11168_rplN	33	11168_rpsG	78
11168_purC	91	11168_recG	142	11168_rplO	32	11168_rpsH	32
11168_purD	128	11168_recJ	149	11168_rplP	27	11168_rpsI	40
11168_purE	75	11168_recN	188	11168_rplQ	48	11168_rpsJ	21
11168_purF	115	11168_recR	84	11168_rplR	40	11168_rpsK	41
11168_purH	114	11168_rep	79	11168_rplS	47	11168_rpsL	34
11168_purL	133	11168_rfbC	72	11168_rplT	76	11168_rpsM	27
11168_purM	137	11168_rho	146	11168_rplU	27	11168_rpsN	22
11168_purN	96	11168_ribA	102	11168_rplV	72	11168_rpsO	48
11168_purQ	83	11168_ribA	83	11168_rplW	29	11168_rpsP	28
11168_purS	48	11168_ribA	62	11168_rplX	18	11168_rpsQ	13
11168_purU	107	11168_ribD	120	11168_rpmA	34	11168_rpsR	23
11168_putA	211	11168_ribF	90	11168_rpmB	23	11168_rpsS	29
11168_putP	119	11168_ribH	61	11168_rpmC	13	11168_rpsT	26
11168_pycA	103	11168_rimM	77	11168_rpmE	21	11168_rpsU	31
11168_pycB	163	11168_rloH	22	11168_rpmF	14	11168_rrc	121
11168_pyk	140	11168_rnc	74	11168_rpmG	16	11168_ruvA	87

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
11168_ruvB	139	11168_tgt	106	11168_trpD	116	11168_xseA	117
11168_ruvC	169	11168_thiC	128	11168_trpE	108	11168_yajC	28
11168_sdaA	139	11168_thiD	100	11168_trpF	78	Cj_81-176_0040	8
11168_sdaC	118	11168_thiE	76	11168_trpS	85	Cj_81-176_0175	36
11168_sdhA	163	11168_thiG	116	11168_truA	100	Cj_81-176_0180	32
11168_sdhB	117	11168_thiH	112	11168_truB	116	Cj_81-176_0185	21
11168_sdhC	92	11168_thiJ	68	11168_truD	147	Cj_81-176_0200	38
11168_secA	189	11168_thiL	115	11168_trxA	38	Cj_81-176_0210	2
11168_secD	142	11168_thiS	49	11168_trxB	120	Cj_81-176_0215	5
11168_secE	21	11168_thrB	104	11168_tsf	149	Cj_81-176_0295	89
11168_secF	111	11168_thrC	123	11168_tuf	71	Cj_81-176_0305	73
11168_secG	62	11168_thrS	167	11168_typA	200	Cj_81-176_0315	68
11168_secY	83	11168_thyX	74	11168_tyrA	65	Cj_81-176_0320	31
11168_selA	130	11168_tig	106	11168_tyrS	147	Cj_81-176_0325	104
11168_selB	171	11168_tilS	163	11168_ubiA	92	Cj_81-176_0435	75
11168_selD	94	11168_tkt	200	11168_ubiD	154	Cj_81-176_1180	89
11168_serA	122	11168_tlyA	109	11168_ubiE	111	Cj_81-176_1185	45
11168_serB	63	11168_tmk	79	11168_ung	80	Cj_81-176_1190	86
11168_serC	116	11168_tolB	121	11168_upp	102	Cj_81-176_1195	63
11168_serS	119	11168_tonB1	88	11168_uppP	98	Cj_81-176_1210	29
11168_slyD	89	11168_tonB2	129	11168_uppS	74	Cj_81-176_1570	146
11168_smpB	77	11168_tonB3	65	11168_uvrA	209	Cj_81-176_1985	28
11168_sodB	82	11168_topA	164	11168_uvrB	218	Cj_81-176_2355	198
11168_speA	177	11168_tpiA	98	11168_uvrC	180	Cj_81-176_2975	30
11168_spoT	139	11168_tpx	67	11168_uxaA'	47	Cj_81-176_2980	28
11168_ssb	69	11168_trmA	144	11168_uxaA'	18	Cj_81-176_2985	30
11168_sucC	90	11168_trmB	110	11168_valS	181	Cj_81-176_3085	138
11168_sucD	103	11168_trmD	108	11168_waaC	161	Cj_81-176_3310	12
11168_surE	122	11168_trmE	119	11168_waaF	157	Cj_81-176_3315	21
11168_tal	144	11168_trpA	80	11168_waaV	134	Cj_81-176_3455	122
11168_tatA	41	11168_trpB	124	11168_wlaN	45	Cj_81-176_3460	85
11168_tatC	103	11168_trpC	93	11168_xerD	145	Cj_81-176_3470	155

Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles	Locus	Number of alleles
Cj_81-176_3545	258	Cj_81-176_7205	6	Cj81116_0266	24	Cj81116_1085	45
Cj_81-176_3555	123	Cj_81-176_7310	154	Cj81116_0267	31	Cj81116_1088	24
Cj_81-176_3910	32	Cj_81-176_7325	149	Cj81116_0321	30	Cj81116_1089	27
Cj_81-176_3935	150	Cj_81-176_7470	2	Cj81116_0398	21	Cj81116_1090	24
Cj_81-176_3950	59	Cj_81-176_7495	158	Cj81116_0399	14	Cj81116_1093	22
Cj_81-176_3970	64	Cj_81-176_7500	51	Cj81116_0400	25	Cj81116_1094	26
Cj_81-176_3975	12	Cj_81-176_7515	1	Cj81116_0526	69	Cj81116_1247	3
Cj_81-176_3980	6	Cj_81-176_7530	2	Cj81116_0549	138	Cj81116_1278	217
Cj_81-176_3985	13	Cj_81-176_7535	2	Cj81116_0643	8	Cj81116_1329	4
Cj_81-176_3990	77	Cj_81-176_7540	10	Cj81116_0644	13	Cj81116_1330	11
Cj_81-176_4570	230	Cj_81-176_7715	179	Cj81116_0647	12	Cj81116_1331	5
Cj_81-176_4900	16	Cj_81-176_8000	1	Cj81116_0648	50	Cj81116_1332	9
Cj_81-176_4910	32	Cj_81-176_8005	1	Cj81116_0649	131	Cj81116_1334	3
Cj_81-176_4915	22	Cj_81-176_8175	42	Cj81116_0650	10	Cj81116_1335	4
Cj_81-176_4920	9	Cj_81-176_8305	83	Cj81116_0651	9	Cj81116_1336	5
Cj_81-176_4925	23	Cj_81-176_8310	58	Cj81116_0653	16	Cj81116_1337	2
Cj_81-176_4945	49	Cj_81-176_8315	57	Cj81116_0877	92	Cj81116_1340	4
Cj_81-176_5635	214	Cj_81-176_8320	53	Cj81116_0878	133	Cj81116_1341	1
Cj_81-176_6040	10	Cj_81-176_8720	80	Cj81116_0985	34	Cj81116_1343	51
Cj_81-176_6065	46	Cj_81-176_8885	19	Cj81116_0986	23	Cj81116_1344	48
Cj_81-176_6070	53	Cj_81-176_8900	11	Cj81116_0987	25	Cj81116_1345	49
Cj_81-176_6075	65	Cj_81-176_8905	9	Cj81116_0988	50	Cj81116_1346	40
Cj_81-176_6090	39	Cj_81-176_9050	61	Cj81116_1075	39	Cj81116_1347	9
Cj_81-176_6890	5	Cj81116_0032	45	Cj81116_1076	26	Cj81116_1348	5
Cj_81-176_6895	9	Cj81116_0035	22	Cj81116_1077	20	Cj81116_1349	14
Cj_81-176_6905	7	Cj81116_0036	23	Cj81116_1078	51	Cj81116_1426	225
Cj_81-176_6910	10	Cj81116_0132	6	Cj81116_1079	16	Cj81116_1427	6
Cj_81-176_6945	20	Cj81116_0133	6	Cj81116_1080	35	Cj81116_1448	154
Cj_81-176_6960	39	Cj81116_0140	39	Cj81116_1081	8	Cj81116_1449	26
Cj_81-176_7030	18	Cj81116_0141	41	Cj81116_1082	47	Cj81116_1450	31
Cj_81-176_7125	13	Cj81116_0142	48	Cj81116_1083	18	Cj81116_1451	52
Cj_81-176_7130	12	Cj81116_0265	39	Cj81116_1084	37	Cj81116_1453	87

Locus	Number of alleles
Cj81116_1454	108
Cj81116_1455	88
Cj81116_1456	22
Cj81116_1459	24
Cj81116_1585	14
Cj81116_1586	16
Cj81116_1587	24
Cj81116_1588	7
Cj81116_1589	17
Cj81116_1590	11
Cj81116_1591	36
Cj81116_1619	17
Cj81116_arsC	15
Cj81116_hsdM	121
CJM1_0041	36
CJM1_0278	33
CJM1_0564	138
CJM1_0745	4
CJM1_1118	3
CJM1_1119	1
CJM1_1120	4
CJM1_1372	1
CJM1_1373	2
CJM1_1376	2
CJM1_1377	4
CJM1_1378	3
CJM1_1381	2
CJM1_1382	2
CJM1_rfbF	12
CJM1_rfbH	2

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