

**Table S1.** List of 849 *Listeria monocytogenes* strains with characterization (STs, lineages, and serotypes), sources, food origins and *inlA* type mutations.

nd: not detected. Serotypes still unknown because the STs are rarely and recently isolated.

STRAIN ID	ST	LINEAGE	SEROTYPE	SOURCE	FOOD ORIGIN	PMSC
1	1	I	4b	Food	Meat	Complete
2	1	I	4b	Food	Meat	Complete
3	1	I	4b	Food	Dairy	Complete
4	1	I	4b	Food	Dairy	Complete
5	1	I	4b	Food	Fish	Complete
6	1	I	4b	Food	Meat	Complete
7	1	I	4b	Food	Meat	Complete
8	1	I	4b	Clinical	/	Complete
9	1	I	4b	Clinical	/	Complete
10	1	I	4b	Clinical	/	Complete
11	1	I	4b	Clinical	/	Complete
12	1	I	4b	Clinical	/	Complete
13	1	I	4b	Clinical	/	Complete
14	1	I	4b	Clinical	/	Complete
15	1	I	4b	Clinical	/	Complete
16	1	I	4b	Clinical	/	Complete
17	1	I	4b	Clinical	/	Complete
18	1	I	4b	Food	Meat	Complete
19	1	I	4b	Food	Meat	Complete
20	1	I	4b	Food	Meat	Complete
21	1	I	4b	Food	Meat	Complete
22	1	I	4b	Food	Meat	Complete
23	1	I	4b	Food	Meat	Complete
24	1	I	4b	Food	Dairy	Complete
25	1	I	4b	Food	Meat	Complete
26	1	I	4b	Food	Meat	Complete
27	1	I	4b	Clinical	/	Complete
28	1	I	4b	Clinical	/	Complete
29	1	I	4b	Clinical	/	Complete
30	1	I	4b	Clinical	/	Complete
31	1	I	4b	Clinical	/	Complete
32	1	I	4b	Clinical	/	Complete
33	1	I	4b	Clinical	/	Complete
34	1	I	4b	Clinical	/	Complete
35	1	I	4b	Clinical	/	Complete
36	1	I	4b	Clinical	/	Complete
37	1	I	4b	Clinical	/	Complete
38	1	I	4b	Clinical	/	Complete
39	1	I	4b	Clinical	/	Complete
40	1	I	4b	Clinical	/	Complete
41	1	I	4b	Clinical	/	Complete
42	1	I	4b	Clinical	/	Complete
43	1	I	4b	Clinical	/	Complete
44	1	I	4b	Clinical	/	Complete
45	1	I	4b	Clinical	/	Complete
46	1	I	4b	Clinical	/	Complete

47	1	I	4b	Clinical	/	Complete
48	1	I	4b	Clinical	/	Complete
49	1	I	4b	Clinical	/	Complete
50	1	I	4b	Clinical	/	Complete
51	1	I	4b	Clinical	/	Complete
52	1	I	4b	Clinical	/	Complete
53	1	I	4b	Clinical	/	Complete
54	1	I	4b	Clinical	/	Complete
55	1	I	4b	Clinical	/	Complete
56	1	I	4b	Clinical	/	Complete
57	1	I	4b	Clinical	/	Complete
58	1	I	4b	Clinical	/	Complete
59	1	I	4b	Clinical	/	Complete
60	1	I	4b	Clinical	/	Complete
61	1	I	4b	Clinical	/	Complete
62	1	I	4b	Clinical	/	Complete
63	1	I	4b	Clinical	/	Complete
64	1	I	4b	Clinical	/	Complete
65	1	I	4b	Clinical	/	Complete
66	1	I	4b	Clinical	/	Complete
67	1	I	4b	Clinical	/	Complete
68	1	I	4b	Clinical	/	Complete
69	1	I	4b	Clinical	/	Complete
70	1	I	4b	Clinical	/	Complete
71	1	I	4b	Clinical	/	Complete
72	1	I	4b	Clinical	/	Complete
73	1	I	4b	Clinical	/	Complete
74	1	I	4b	Clinical	/	Complete
75	1	I	4b	Clinical	/	Complete
76	2	I	4b	Food	Other	Complete
77	2	I	4b	Food	Other	Complete
78	2	I	4b	Food	Dairy	Complete
79	2	I	4b	Food	Meat	Complete
80	2	I	4b	Clinical	/	Complete
81	2	I	4b	Clinical	/	Complete
82	2	I	4b	Clinical	/	Complete
83	2	I	4b	Food	Dairy	Complete
84	2	I	4b	Food	Dairy	Complete
85	2	I	4b	Food	Fish	Complete
86	2	I	4b	Food	Fish	Complete
87	2	I	4b	Food	Fish	Complete
88	2	I	4b	Food	Meat	Complete
89	2	I	4b	Food	Meat	Complete
90	2	I	4b	Food	Meat	Complete
91	2	I	4b	Environmental	/	Complete
92	2	I	4b	Environmental	/	Complete
93	2	I	4b	Environmental	/	Complete
94	2	I	4b	Environmental	/	Complete
95	2	I	4b	Environmental	/	Complete
96	2	I	4b	Environmental	/	Complete
97	2	I	4b	Environmental	/	Complete

98	2	I	4b	Environmental	/	Complete
99	2	I	4b	Environmental	/	Complete
100	2	I	4b	Clinical	/	Complete
101	2	I	4b	Clinical	/	Complete
102	2	I	4b	Clinical	/	Complete
103	2	I	4b	Clinical	/	Complete
104	2	I	4b	Clinical	/	Complete
105	2	I	4b	Clinical	/	Complete
106	2	I	4b	Clinical	/	Complete
107	2	I	4b	Clinical	/	PMSC 6
108	2	I	4b	Clinical	/	Complete
109	2	I	4b	Clinical	/	Complete
110	2	I	4b	Clinical	/	Complete
111	2	I	4b	Clinical	/	Complete
112	2	I	4b	Clinical	/	Complete
113	2	I	4b	Clinical	/	Complete
114	2	I	4b	Clinical	/	Complete
115	2	I	4b	Clinical	/	Complete
116	2	I	4b	Clinical	/	Complete
117	2	I	4b	Clinical	/	Complete
118	2	I	4b	Clinical	/	Complete
119	2	I	4b	Clinical	/	Complete
120	3	I	1/2b	Food	Other	Complete
121	3	I	1/2b	Food	Meat	Complete
122	3	I	1/2b	Environmental	/	Complete
123	3	I	1/2b	Environmental	/	Complete
124	3	I	1/2b	Clinical	/	Complete
125	3	I	1/2b	Food	Dairy	Complete
126	3	I	1/2b	Food	Dairy	Complete
127	3	I	1/2b	Food	Dairy	Complete
128	3	I	1/2b	Food	Meat	Complete
129	3	I	1/2b	Food	Meat	Complete
130	3	I	1/2b	Food	Dairy	Complete
131	3	I	1/2b	Food	Meat	Complete
132	3	I	1/2b	Food	Dairy	Complete
133	3	I	1/2b	Food	Meat	Complete
134	3	I	1/2b	Food	Meat	Complete
135	3	I	1/2b	Food	Meat	Complete
136	3	I	1/2b	Environmental	/	Complete
137	3	I	1/2b	Clinical	/	Complete
138	3	I	1/2b	Clinical	/	Complete
139	3	I	1/2b	Clinical	/	Complete
140	4	I	4b	Food	Dairy	Complete
141	4	I	4b	Clinical	/	Complete
142	4	I	4b	Clinical	/	Complete
143	4	I	4b	Clinical	/	Complete
144	4	I	4b	Clinical	/	Complete
145	4	I	4b	Clinical	/	Complete
146	4	I	4b	Clinical	/	Complete
147	5	I	1/2b	Food	Meat	Complete
148	5	I	1/2b	Food	Fish	Complete

149	5	I	1/2b	Food	Meat	Complete
150	5	I	1/2b	Food	Fish	Complete
151	5	I	1/2b	Food	Meat	Complete
152	5	I	1/2b	Food	Meat	Complete
153	5	I	1/2b	Food	Fish	Complete
154	5	I	1/2b	Food	Fish	Complete
155	5	I	1/2b	Food	Fish	Complete
156	5	I	1/2b	Food	Meat	Complete
157	5	I	1/2b	Food	Meat	Complete
158	5	I	1/2b	Food	Meat	Complete
159	5	I	1/2b	Food	Dairy	Complete
160	5	I	1/2b	Food	Meat	Complete
161	5	I	1/2b	Environmental	/	Complete
162	5	I	1/2b	Environmental	/	Complete
163	5	I	1/2b	Environmental	/	Complete
164	5	I	1/2b	Environmental	/	Complete
165	5	I	1/2b	Environmental	/	Complete
166	5	I	1/2b	Environmental	/	Complete
167	5	I	1/2b	Environmental	/	Complete
168	5	I	1/2b	Clinical	/	Complete
169	5	I	1/2b	Clinical	/	Complete
170	5	I	1/2b	Clinical	/	Complete
171	5	I	1/2b	Clinical	/	Complete
172	5	I	1/2b	Clinical	/	Complete
173	5	I	1/2b	Clinical	/	Complete
174	5	I	1/2b	Clinical	/	Complete
175	5	I	1/2b	Clinical	/	Complete
176	5	I	1/2b	Clinical	/	Complete
177	5	I	1/2b	Clinical	/	Complete
178	5	I	1/2b	Clinical	/	Complete
179	5	I	1/2b	Clinical	/	Complete
180	5	I	1/2b	Clinical	/	Complete
181	5	I	1/2b	Clinical	/	Complete
182	5	I	1/2b	Clinical	/	Complete
183	5	I	1/2b	Clinical	/	Complete
184	5	I	1/2b	Clinical	/	Complete
185	5	I	1/2b	Clinical	/	Complete
186	5	I	1/2b	Clinical	/	Complete
187	5	I	1/2b	Clinical	/	Complete
188	5	I	1/2b	Clinical	/	Complete
189	5	I	1/2b	Clinical	/	Complete
190	5	I	1/2b	Clinical	/	Complete
191	5	I	1/2b	Clinical	/	Complete
192	5	I	1/2b	Clinical	/	Complete
193	5	I	1/2b	Clinical	/	Complete
194	5	I	1/2b	Clinical	/	Complete
195	5	I	1/2b	Clinical	/	Complete
196	5	I	1/2b	Clinical	/	Complete
197	5	I	1/2b	Clinical	/	Complete
198	5	I	1/2b	Clinical	/	Complete
199	5	I	1/2b	Clinical	/	Complete

200	5	I	1/2b	Clinical	/	Complete
201	5	I	1/2b	Clinical	/	Complete
202	5	I	1/2b	Clinical	/	Complete
203	5	I	1/2b	Clinical	/	Complete
204	5	I	1/2b	Clinical	/	Complete
205	5	I	1/2b	Clinical	/	Complete
206	5	I	1/2b	Clinical	/	Complete
207	5	I	1/2b	Clinical	/	Complete
208	5	I	1/2b	Clinical	/	Complete
209	5	I	1/2b	Clinical	/	Complete
210	5	I	1/2b	Clinical	/	Complete
211	5	I	1/2b	Clinical	/	Complete
212	5	I	1/2b	Clinical	/	Complete
213	5	I	1/2b	Clinical	/	Complete
214	5	I	1/2b	Clinical	/	Complete
215	5	I	1/2b	Clinical	/	Complete
216	5	I	1/2b	Clinical	/	Complete
217	5	I	1/2b	Clinical	/	Complete
218	5	I	1/2b	Clinical	/	Complete
219	5	I	1/2b	Clinical	/	Complete
220	5	I	1/2b	Clinical	/	Complete
221	5	I	1/2b	Clinical	/	Complete
222	5	I	1/2b	Clinical	/	Complete
223	5	I	1/2b	Clinical	/	Complete
224	5	I	1/2b	Clinical	/	Complete
225	5	I	1/2b	Clinical	/	Complete
226	5	I	1/2b	Clinical	/	Complete
227	5	I	1/2b	Clinical	/	Complete
228	5	I	1/2b	Clinical	/	Complete
229	5	I	1/2b	Clinical	/	Complete
230	5	I	1/2b	Clinical	/	Complete
231	5	I	1/2b	Clinical	/	Complete
232	6	I	4b	Clinical	/	Complete
233	6	I	4b	Clinical	/	Complete
234	6	I	4b	Clinical	/	Complete
235	6	I	4b	Clinical	/	Complete
236	6	I	4b	Clinical	/	Complete
237	6	I	4b	Clinical	/	Complete
238	6	I	4b	Clinical	/	Complete
239	6	I	4b	Food	Meat	Complete
240	6	I	4b	Food	Fish	Complete
241	6	I	4b	Food	Dairy	Complete
242	6	I	4b	Food	Meat	Complete
243	6	I	4b	Food	Vegetable	Complete
244	6	I	4b	Food	Fish	Complete
245	6	I	4b	Clinical	/	Complete
246	6	I	4b	Clinical	/	Complete
247	6	I	4b	Clinical	/	Complete
248	6	I	4b	Clinical	/	Complete
249	6	I	4b	Clinical	/	Complete
250	6	I	4b	Clinical	/	Complete

251	6	I	4b	Clinical	/	Complete
252	6	I	4b	Clinical	/	Complete
253	6	I	4b	Clinical	/	Complete
254	6	I	4b	Clinical	/	Complete
255	6	I	4b	Clinical	/	Complete
256	6	I	4b	Clinical	/	Complete
257	6	I	4b	Clinical	/	Complete
258	6	I	4b	Clinical	/	Complete
259	6	I	4b	Clinical	/	Complete
260	6	I	4b	Clinical	/	Complete
261	6	I	4b	Clinical	/	Complete
262	6	I	4b	Clinical	/	Complete
263	6	I	4b	Clinical	/	Complete
264	6	I	4b	Clinical	/	Complete
265	6	I	4b	Clinical	/	Complete
266	6	I	4b	Clinical	/	Complete
267	6	I	4b	Clinical	/	Complete
268	6	I	4b	Clinical	/	Complete
269	6	I	4b	Clinical	/	Complete
270	6	I	4b	Clinical	/	Complete
271	6	I	4b	Clinical	/	Complete
272	6	I	4b	Clinical	/	Complete
273	6	I	4b	Clinical	/	Complete
274	7	II	1/2a	Food	Meat	Complete
275	7	II	1/2a	Food	Meat	Complete
276	7	II	1/2a	Environmental	/	Complete
277	7	II	1/2a	Environmental	/	Complete
278	7	II	1/2a	Environmental	/	Complete
279	7	II	1/2a	Environmental	/	Complete
280	7	II	1/2a	Clinical	/	Complete
281	7	II	1/2a	Food	Fish	Complete
282	7	II	1/2a	Food	Meat	Complete
283	7	II	1/2a	Clinical	/	Complete
284	7	II	1/2a	Clinical	/	Complete
285	7	II	1/2a	Clinical	/	Complete
286	7	II	1/2a	Clinical	/	Complete
287	7	II	1/2a	Clinical	/	Complete
288	7	II	1/2a	Clinical	/	Complete
289	8	II	1/2a	Food	Meat	Complete
290	8	II	1/2a	Food	Meat	Complete
291	8	II	1/2a	Food	Meat	Complete
292	8	II	1/2a	Environmental	/	Complete
293	8	II	1/2a	Environmental	/	Complete
294	8	II	1/2a	Clinical	/	Complete
295	8	II	1/2a	Clinical	/	Complete
296	8	II	1/2a	Clinical	/	Complete
297	8	II	1/2a	Clinical	/	Complete
298	8	II	1/2a	Clinical	/	Complete
299	8	II	1/2a	Clinical	/	Complete
300	8	II	1/2a	Food	Fish	Complete
301	8	II	1/2a	Food	Fish	Complete

302	8	II	1/2a	Food	Fish	Complete
303	8	II	1/2a	Food	Fish	Complete
304	8	II	1/2a	Food	Fish	Complete
305	8	II	1/2a	Food	Fish	Complete
306	8	II	1/2a	Food	Fish	Complete
307	8	II	1/2a	Food	Fish	Complete
308	8	II	1/2a	Food	Fish	Complete
309	8	II	1/2a	Food	Fish	Complete
310	8	II	1/2a	Food	Fish	Complete
311	8	II	1/2a	Food	Meat	Complete
312	8	II	1/2a	Food	Fish	Complete
313	8	II	1/2a	Food	Meat	Complete
314	8	II	1/2a	Food	Fish	Complete
315	8	II	1/2a	Food	Fish	Complete
316	8	II	1/2a	Food	Fish	Complete
317	8	II	1/2a	Food	Meat	Complete
318	8	II	1/2a	Food	Dairy	Complete
319	8	II	1/2a	Food	Meat	Complete
320	8	II	1/2a	Food	Fish	Complete
321	8	II	1/2a	Food	Meat	Complete
322	8	II	1/2a	Food	Meat	Complete
323	8	II	1/2a	Food	Fish	Complete
324	8	II	1/2a	Food	Meat	Complete
325	8	II	1/2a	Food	Meat	Complete
326	8	II	1/2a	Food	Fish	Complete
327	8	II	1/2a	Food	Meat	Complete
328	8	II	1/2a	Food	Meat	Complete
329	8	II	1/2a	Food	Fish	Complete
330	8	II	1/2a	Food	Fish	Complete
331	8	II	1/2a	Food	Fish	Complete
332	8	II	1/2a	Clinical	/	Complete
333	8	II	1/2a	Clinical	/	Complete
334	8	II	1/2a	Clinical	/	Complete
335	8	II	1/2a	Clinical	/	Complete
336	8	II	1/2a	Clinical	/	Complete
337	8	II	1/2a	Clinical	/	Complete
338	8	II	1/2a	Clinical	/	Complete
339	8	II	1/2a	Clinical	/	Complete
340	8	II	1/2a	Clinical	/	Complete
341	8	II	1/2a	Clinical	/	Complete
342	8	II	1/2a	Clinical	/	Complete
343	8	II	1/2a	Clinical	/	Complete
344	8	II	1/2a	Clinical	/	Complete
345	8	II	1/2a	Clinical	/	Complete
346	8	II	1/2a	Clinical	/	Complete
347	8	II	1/2a	Clinical	/	Complete
348	8	II	1/2a	Clinical	/	Complete
349	8	II	1/2a	Clinical	/	Complete
350	8	II	1/2a	Clinical	/	Complete
351	8	II	1/2a	Clinical	/	Complete
352	8	II	1/2a	Clinical	/	Complete

353	8	II	1/2a	Clinical	/	Complete
354	8	II	1/2a	Clinical	/	Complete
355	8	II	1/2a	Clinical	/	Complete
356	8	II	1/2a	Clinical	/	Complete
357	9	II	1/2c	Food	Meat	PMSC 19
358	9	II	1/2c	Food	Other	PMSC 11
359	9	II	1/2c	Food	Meat	Complete
360	9	II	1/2c	Food	Meat	PMSC 19
361	9	II	1/2c	Food	Meat	Complete
362	9	II	1/2c	Food	Meat	Complete
363	9	II	1/2c	Food	Meat	Complete
364	9	II	1/2c	Food	Fish	PMSC 19
365	9	II	1/2c	Food	Meat	PMSC 19
366	9	II	1/2c	Food	Other	PMSC 12
367	9	II	1/2c	Environmental	/	PMSC 13
368	9	II	1/2c	Environmental	/	PMSC 19
369	9	II	1/2c	Environmental	/	PMSC 11
370	9	II	1/2c	Food	Meat	PMSC 29
371	9	II	1/2c	Food	Meat	PMSC 29
372	9	II	1/2c	Food	Meat	PMSC 19
373	9	II	1/2c	Food	Meat	PMSC 29
374	9	II	1/2c	Food	Meat	PMSC 19
375	9	II	1/2c	Food	Fish	PMSC 29
376	9	II	1/2c	Food	Meat	PMSC 19
377	9	II	1/2c	Food	Meat	PMSC 11
378	9	II	1/2c	Food	Meat	PMSC 29
379	9	II	1/2c	Food	Meat	PMSC 19
380	9	II	1/2c	Food	Meat	PMSC 4
381	9	II	1/2c	Food	Meat	PMSC 4
382	9	II	1/2c	Food	Meat	PMSC 11
383	9	II	1/2c	Food	Meat	PMSC 26
384	9	II	1/2c	Food	Meat	PMSC 29
385	9	II	1/2c	Food	Meat	PMSC 19
386	9	II	1/2c	Food	Meat	PMSC 29
387	9	II	1/2c	Food	Meat	PMSC 29
388	9	II	1/2c	Food	Meat	PMSC 11
389	9	II	1/2c	Food	Meat	PMSC 29
390	9	II	1/2c	Food	Meat	PMSC 29
391	9	II	1/2c	Food	Meat	PMSC 29
392	9	II	1/2c	Food	Meat	PMSC 11
393	9	II	1/2c	Food	Meat	PMSC 29
394	9	II	1/2c	Food	Meat	PMSC 29
395	9	II	1/2c	Food	Meat	PMSC 29
396	9	II	1/2c	Food	Meat	PMSC 4
397	9	II	1/2c	Food	Meat	PMSC 4
398	9	II	1/2c	Food	Meat	PMSC 29
399	9	II	1/2c	Food	Meat	PMSC 29
400	9	II	1/2c	Food	Meat	PMSC 11
401	9	II	1/2c	Food	Meat	PMSC 29
402	9	II	1/2c	Food	Meat	PMSC 29
403	9	II	1/2c	Food	Fish	PMSC 4



404	9	II	1/2c	Food	Meat	PMSC 29
405	9	II	1/2c	Food	Meat	PMSC 29
406	9	II	1/2c	Food	Meat	PMSC 19
407	9	II	1/2c	Food	Meat	PMSC 29
408	9	II	1/2c	Food	Meat	PMSC 29
409	9	II	1/2c	Food	Meat	PMSC 29
410	9	II	1/2c	Food	Meat	PMSC 4
411	9	II	1/2c	Food	Meat	PMSC 19
412	9	II	1/2c	Food	Meat	PMSC 19
413	9	II	1/2c	Food	Meat	PMSC 29
414	9	II	1/2c	Food	Meat	PMSC 11
415	9	II	1/2c	Food	Meat	PMSC 8
416	9	II	1/2c	Food	Meat	PMSC 29
417	9	II	1/2c	Food	Meat	PMSC 29
418	9	II	1/2c	Food	Meat	PMSC 11
419	9	II	1/2c	Food	Meat	PMSC 29
420	9	II	1/2c	Food	Meat	PMSC 29
421	9	II	1/2c	Food	Meat	PMSC 29
422	9	II	1/2c	Food	Meat	PMSC 29
423	9	II	1/2c	Food	Meat	PMSC 29
424	9	II	1/2c	Food	Meat	PMSC 29
425	9	II	1/2c	Food	Meat	PMSC 4
426	9	II	1/2c	Food	Meat	PMSC 4
427	9	II	1/2c	Food	Meat	PMSC 4
428	9	II	1/2c	Food	Meat	PMSC 29
429	9	II	1/2c	Food	Meat	PMSC 29
430	9	II	1/2c	Food	Meat	PMSC 29
431	9	II	1/2c	Food	Meat	PMSC 29
432	9	II	1/2c	Food	Meat	PMSC 29
433	9	II	1/2c	Food	Meat	PMSC 11
434	9	II	1/2c	Food	Meat	PMSC 29
435	9	II	1/2c	Food	Meat	PMSC 29
436	9	II	1/2c	Food	Meat	PMSC 19
437	9	II	1/2c	Food	Meat	PMSC 29
438	9	II	1/2c	Food	Meat	PMSC 13
439	9	II	1/2c	Food	Meat	PMSC 11
440	9	II	1/2c	Food	Meat	PMSC 11
441	9	II	1/2c	Food	Meat	PMSC 29
442	9	II	1/2c	Food	Meat	PMSC 29
443	9	II	1/2c	Food	Meat	PMSC 29
444	9	II	1/2c	Food	Meat	PMSC 4
445	9	II	1/2c	Food	Meat	PMSC 29
446	9	II	1/2c	Food	Meat	PMSC 29
447	9	II	1/2c	Food	Vegetable	PMSC 11
448	9	II	1/2c	Food	Meat	PMSC 29
449	9	II	1/2c	Food	Meat	PMSC 11
450	9	II	1/2c	Food	Meat	PMSC 29
451	9	II	1/2c	Food	Meat	PMSC 11
452	9	II	1/2c	Environmental	/	PMSC 29
453	9	II	1/2c	Environmental	/	PMSC 19
454	9	II	1/2c	Environmental	/	PMSC 4

455	9	II	1/2c	Clinical	/	PMSC 19
456	9	II	1/2c	Clinical	/	PMSC 29
457	9	II	1/2c	Clinical	/	PMSC 29
458	9	II	1/2c	Clinical	/	PMSC 29
459	9	II	1/2c	Food	Meat	Complete
460	9	II	1/2c	Food	Fish	Complete
461	9	II	1/2c	Food	Fish	Complete
462	9	II	1/2c	Food	Fish	Complete
463	9	II	1/2c	Food	Fish	Complete
464	9	II	1/2c	Clinical	/	PMSC 29
465	9	II	1/2c	Clinical	/	PMSC 19
466	9	II	1/2c	Clinical	/	Complete
467	14	II	1/2a	Food	Dairy	Complete
468	14	II	1/2a	Food	Meat	Complete
469	14	II	1/2a	Clinical	/	Complete
470	14	II	1/2a	Food	Fish	Complete
471	14	II	1/2a	Food	Meat	Complete
472	14	II	1/2a	Food	Meat	Complete
473	14	II	1/2a	Food	Fish	Complete
474	14	II	1/2a	Clinical	/	Complete
475	14	II	1/2a	Clinical	/	Complete
476	14	II	1/2a	Clinical	/	Complete
477	14	II	1/2a	Clinical	/	Complete
478	14	II	1/2a	Clinical	/	Complete
479	16	II	1/2a	Food	Meat	Complete
480	18	II	1/2a	Food	Meat	Complete
481	18	II	1/2a	Food	Dairy	Complete
482	18	II	1/2a	Food	Meat	Complete
483	18	II	1/2a	Clinical	/	Complete
484	18	II	1/2a	Clinical	/	Complete
485	18	II	1/2a	Clinical	/	Complete
486	18	II	1/2a	Clinical	/	Complete
487	18	II	1/2a	Clinical	/	Complete
488	18	II	1/2a	Clinical	/	Complete
489	19	II	1/2a	Food	Fish	Complete
490	20	II	1/2a	Food	Meat	Complete
491	20	II	1/2a	Food	Vegetable	Complete
492	20	II	1/2a	Food	Meat	Complete
493	20	II	1/2a	Clinical	/	Complete
494	21	II	1/2a	Clinical	/	Complete
495	21	II	1/2a	Clinical	/	Complete
496	26	II	1/2a	Clinical	/	Complete
497	26	II	1/2a	Clinical	/	Complete
498	26	II	1/2a	Clinical	/	Complete
499	26	II	1/2a	Clinical	/	Complete
500	29	II	1/2a	Food	Meat	Complete
501	29	II	1/2a	Food	Dairy	Complete
502	29	II	1/2a	Clinical	/	Complete
503	29	II	1/2a	Clinical	/	Complete
504	29	II	1/2a	Clinical	/	Complete
505	30	II	1/2a	Food	Meat	Complete

506	30	II	1/2a	Food	Vegetable	Complete
507	30	II	1/2a	Clinical	/	Complete
508	31	II	1/2a	Food	Meat	PMSC 5
509	31	II	1/2a	Food	Meat	PMSC 5
510	31	II	1/2a	Food	Fish	PMSC 5
511	31	II	1/2a	Food	Meat	PMSC 5
512	31	II	1/2a	Food	Fish	PMSC 4
513	32	I	4b	Food	Meat	Complete
514	32	I	4b	Food	Other	Complete
515	32	I	4b	Clinical	/	Complete
516	37	II	1/2a	Food	Meat	Complete
517	37	II	1/2a	Food	Meat	Complete
518	37	II	1/2a	Food	Meat	Complete
519	37	II	1/2a	Food	Meat	Complete
520	37	II	1/2a	Environmental	/	Complete
521	37	II	1/2a	Environmental	/	Complete
522	37	II	1/2a	Clinical	/	Complete
523	37	II	1/2a	Clinical	/	Complete
524	37	II	1/2a	Food	Meat	Complete
525	37	II	1/2a	Food	Meat	Complete
526	37	II	1/2a	Food	Meat	Complete
527	37	II	1/2a	Food	Meat	Complete
528	37	II	1/2a	Environmental	/	Complete
529	37	II	1/2a	Clinical	/	Complete
530	37	II	1/2a	Clinical	/	Complete
531	37	II	1/2a	Clinical	/	Complete
532	37	II	1/2a	Clinical	/	Complete
533	37	II	1/2a	Clinical	/	Complete
534	37	II	1/2a	Clinical	/	Complete
535	37	II	1/2a	Clinical	/	Complete
536	37	II	1/2a	Clinical	/	Complete
537	38	II	1/2a	Clinical	/	Complete
538	38	II	1/2a	Food	Dairy	Complete
539	38	II	1/2a	Clinical	/	Complete
540	38	II	1/2a	Clinical	/	Complete
541	38	II	1/2a	Clinical	/	Complete
542	38	II	1/2a	Clinical	/	Complete
543	38	II	1/2a	Clinical	/	Complete
544	38	II	1/2a	Clinical	/	Complete
545	38	II	1/2a	Clinical	/	Complete
546	54	I	4b	Clinical	/	Complete
547	59	I	1/2b	Food	Meat	Complete
548	59	I	1/2b	Clinical	/	Complete
549	59	I	1/2b	Clinical	/	Complete
550	59	I	1/2b	Clinical	/	Complete
551	59	I	1/2b	Clinical	/	Complete
552	87	I	1/2b	Food	Vegetable	Complete
553	87	I	1/2b	Food	Fish	Complete
554	87	I	1/2b	Clinical	/	Complete
555	87	I	1/2b	Clinical	/	Complete
556	87	I	1/2b	Clinical	/	Complete

557	101	II	1/2a	Food	Fish	Complete
558	101	II	1/2a	Food	Dairy	Complete
559	101	II	1/2a	Clinical	/	Complete
560	101	II	1/2a	Clinical	/	Complete
561	101	II	1/2a	Clinical	/	Complete
562	101	II	1/2a	Clinical	/	Complete
563	101	II	1/2a	Clinical	/	Complete
564	101	II	1/2a	Clinical	/	Complete
565	120	II	1/2a	Clinical	/	Complete
566	120	II	1/2a	Clinical	/	Complete
567	121	II	1/2a	Food	Meat	PMSC 6
568	121	II	1/2a	Food	Meat	PMSC 6
569	121	II	1/2a	Food	Meat	PMSC 6
570	121	II	1/2a	Food	Meat	PMSC 6
571	121	II	1/2a	Food	Meat	PMSC 6
572	121	II	1/2a	Food	Fish	PMSC 6
573	121	II	1/2a	Food	Dairy	PMSC 6
574	121	II	1/2a	Environmental	/	PMSC 6
575	121	II	1/2a	Environmental	/	PMSC 6
576	121	II	1/2a	Environmental	/	PMSC 6
577	121	II	1/2a	Food	Fish	PMSC 6
578	121	II	1/2a	Food	Meat	PMSC 6
579	121	II	1/2a	Food	Fish	PMSC 6
580	121	II	1/2a	Food	Fish	PMSC 6
581	121	II	1/2a	Food	Fish	PMSC 6
582	121	II	1/2a	Food	Meat	PMSC 6
583	121	II	1/2a	Food	Fish	PMSC 6
584	121	II	1/2a	Food	Fish	PMSC 6
585	121	II	1/2a	Food	Fish	PMSC 6
586	121	II	1/2a	Food	Fish	PMSC 6
587	121	II	1/2a	Food	Meat	PMSC 6
588	121	II	1/2a	Food	Meat	PMSC 6
589	121	II	1/2a	Food	Meat	PMSC 6
590	121	II	1/2a	Food	Meat	PMSC 6
591	121	II	1/2a	Food	Fish	PMSC 6
592	121	II	1/2a	Food	Meat	PMSC 6
593	121	II	1/2a	Food	Fish	PMSC 6
594	121	II	1/2a	Food	Meat	PMSC 6
595	121	II	1/2a	Food	Fish	PMSC 6
596	121	II	1/2a	Food	Fish	PMSC 6
597	121	II	1/2a	Food	Meat	PMSC 6
598	121	II	1/2a	Food	Fish	PMSC 6
599	121	II	1/2a	Food	Meat	PMSC 6
600	121	II	1/2a	Food	Meat	PMSC 6
601	121	II	1/2a	Food	Fish	PMSC 6
602	121	II	1/2a	Food	Meat	PMSC 6
603	121	II	1/2a	Food	Meat	PMSC 6
604	121	II	1/2a	Food	Fish	PMSC 6
605	121	II	1/2a	Food	Fish	PMSC 6
606	121	II	1/2a	Food	Fish	PMSC 6
607	121	II	1/2a	Food	Meat	PMSC 6

608	121	II	1/2a	Food	Fish	PMSC 6
609	121	II	1/2a	Food	Fish	PMSC 6
610	121	II	1/2a	Food	Meat	PMSC 6
611	121	II	1/2a	Food	Meat	PMSC 6
612	121	II	1/2a	Food	Fish	PMSC 6
613	121	II	1/2a	Food	Fish	PMSC 6
614	121	II	1/2a	Food	Fish	PMSC 6
615	121	II	1/2a	Food	Dairy	PMSC 6
616	121	II	1/2a	Environmental	/	PMSC 6
617	121	II	1/2a	Environmental	/	PMSC 6
618	121	II	1/2a	Environmental	/	PMSC 6
619	121	II	1/2a	Environmental	/	PMSC 6
620	121	II	1/2a	Clinical	/	PMSC 6
621	121	II	1/2a	Food	Meat	Complete
622	121	II	1/2a	Food	Meat	Complete
623	121	II	1/2a	Clinical	/	PMSC 6
624	121	II	1/2a	Clinical	/	PMSC 6
625	145	I	4b	Environmental	/	Complete
626	155	II	1/2a	Food	Meat	Complete
627	155	II	1/2a	Environmental	/	Complete
628	155	II	1/2a	Clinical	/	Complete
629	155	II	1/2a	Clinical	/	Complete
630	155	II	1/2a	Clinical	/	Complete
631	155	II	1/2a	Clinical	/	Complete
632	155	II	1/2a	Food	Meat	Complete
633	155	II	1/2a	Food	Fish	Complete
634	155	II	1/2a	Food	Meat	Complete
635	155	II	1/2a	Food	Meat	Complete
636	155	II	1/2a	Food	Meat	Complete
637	155	II	1/2a	Food	Meat	Complete
638	155	II	1/2a	Food	Fish	Complete
639	155	II	1/2a	Food	Fish	Complete
640	155	II	1/2a	Food	Meat	Complete
641	155	II	1/2a	Food	Fish	Complete
642	155	II	1/2a	Food	Meat	Complete
643	155	II	1/2a	Food	Meat	Complete
644	155	II	1/2a	Food	Meat	Complete
645	155	II	1/2a	Clinical	/	Complete
646	155	II	1/2a	Clinical	/	Complete
647	155	II	1/2a	Clinical	/	Complete
648	155	II	1/2a	Clinical	/	Complete
649	155	II	1/2a	Clinical	/	Complete
650	155	II	1/2a	Clinical	/	Complete
651	155	II	1/2a	Clinical	/	Complete
652	155	II	1/2a	Clinical	/	Complete
653	155	II	1/2a	Clinical	/	Complete
654	155	II	1/2a	Clinical	/	Complete
655	155	II	1/2a	Clinical	/	Complete
656	155	II	1/2a	Clinical	/	Complete
657	155	II	1/2a	Clinical	/	Complete
658	155	II	1/2a	Clinical	/	Complete

659	155	II	1/2a	Clinical	/	Complete
660	155	II	1/2a	Clinical	/	Complete
661	155	II	1/2a	Clinical	/	Complete
662	155	II	1/2a	Clinical	/	Complete
663	155	II	1/2a	Clinical	/	Complete
664	155	II	1/2a	Clinical	/	Complete
665	155	II	1/2a	Clinical	/	Complete
666	155	II	1/2a	Clinical	/	Complete
667	155	II	1/2a	Clinical	/	Complete
668	155	II	1/2a	Clinical	/	Complete
669	155	II	1/2a	Clinical	/	Complete
670	177	II	1/2a	Clinical	/	Complete
671	177	II	1/2a	Clinical	/	Complete
672	191	I	1/2b	Clinical	/	Complete
673	191	I	1/2b	Clinical	/	Complete
674	193	II	1/2c	Food	Meat	PMSC 25
675	199	II	1/2a	Food	Dairy	PMSC 4
676	199	II	1/2a	Food	Dairy	PMSC 4
677	200	II	1/2a	Clinical	/	Complete
678	204	II	1/2a	Environmental	/	Complete
679	204	II	1/2a	Environmental	/	Complete
680	204	II	1/2a	Environmental	/	Complete
681	204	II	1/2a	Food	Fish	Complete
682	206	II	nd	Clinical	/	Complete
683	206	II	nd	Clinical	/	Complete
684	206	II	nd	Food	Meat	Complete
685	206	II	nd	Clinical	/	Complete
686	207	II	nd	Food	Meat	Complete
687	213	I	4b	Food	Meat	Complete
688	217	I	4b	Food	Dairy	Complete
689	217	I	4b	Environmental	/	Complete
690	217	I	4b	Environmental	/	Complete
691	217	I	4b	Clinical	/	Complete
692	219	I	4b	Clinical	/	Complete
693	219	I	4b	Food	Other	Complete
694	219	I	4b	Food	Meat	Complete
695	219	I	4b	Clinical	/	Complete
696	219	I	4b	Clinical	/	Complete
697	219	I	4b	Clinical	/	Complete
698	219	I	4b	Clinical	/	Complete
699	224	I	1/2b	Food	Meat	Complete
700	224	I	1/2b	Food	Meat	PMSC 29
701	224	I	1/2b	Food	Meat	Complete
702	224	I	1/2b	Food	Meat	Complete
703	224	I	1/2b	Food	Fish	Complete
704	224	I	1/2b	Food	Fish	Complete
705	224	I	1/2b	Food	Fish	Complete
706	224	I	1/2b	Food	Fish	Complete
707	224	I	1/2b	Food	Fish	Complete
708	224	I	1/2b	Food	Fish	Complete
709	224	I	1/2b	Food	Fish	Complete

710	224	I	1/2b	Food	Fish	Complete
711	224	I	1/2b	Food	Fish	Complete
712	224	I	1/2b	Food	Fish	Complete
713	224	I	1/2b	Food	Fish	Complete
714	224	I	1/2b	Food	Fish	Complete
715	224	I	1/2b	Food	Fish	Complete
716	224	I	1/2b	Food	Fish	Complete
717	224	I	1/2b	Food	Fish	Complete
718	224	I	1/2b	Food	Fish	Complete
719	224	I	1/2b	Food	Fish	Complete
720	224	I	1/2b	Food	Fish	Complete
721	224	I	1/2b	Food	Fish	Complete
722	224	I	1/2b	Food	Fish	Complete
723	224	I	1/2b	Food	Fish	Complete
724	224	I	1/2b	Food	Fish	Complete
725	224	I	1/2b	Food	Fish	Complete
726	224	I	1/2b	Food	Fish	Complete
727	224	I	1/2b	Food	Meat	Complete
728	224	I	1/2b	Clinical	/	Complete
729	224	I	1/2b	Clinical	/	Complete
730	224	I	1/2b	Clinical	/	Complete
731	224	I	1/2b	Clinical	/	Complete
732	224	I	1/2b	Clinical	/	Complete
733	224	I	1/2b	Clinical	/	Complete
734	288	I	1/2b	Food	Meat	Complete
735	288	I	1/2b	Environmental	/	Complete
736	288	I	1/2b	Food	Meat	Complete
737	288	I	1/2b	Clinical	/	Complete
738	288	I	1/2b	Clinical	/	Complete
739	325	II	1/2a	Environmental	/	PMSC 26
740	325	II	1/2a	Environmental	/	PMSC 26
741	325	II	1/2a	Food	Dairy	PMSC 26
742	325	II	1/2a	Environmental	/	PMSC 26
743	325	II	1/2a	Environmental	/	PMSC 26
744	325	II	1/2a	Environmental	/	PMSC 26
745	325	II	1/2a	Food	Dairy	PMSC 26
746	325	II	1/2a	Food	Dairy	PMSC 26
747	325	II	1/2a	Food	Dairy	PMSC 26
748	325	II	1/2a	Food	Dairy	PMSC 26
749	325	II	1/2a	Food	Meat	PMSC 26
750	325	II	1/2a	Environmental	/	PMSC 26
751	325	II	1/2a	Environmental	/	PMSC 26
752	325	II	1/2a	Food	Meat	PMSC 26
753	325	II	1/2a	Environmental	/	PMSC 26
754	325	II	1/2a	Environmental	/	PMSC 26
755	325	II	1/2a	Environmental	/	PMSC 26
756	325	II	1/2a	Food	Dairy	PMSC 26
757	325	II	1/2a	Environmental	/	PMSC 26
758	325	II	1/2a	Food	Dairy	PMSC 26
759	325	II	1/2a	Environmental	/	PMSC 26
760	325	II	1/2a	Food	Dairy	PMSC 26

761	325	II	1/2a	Food	Dairy	PMSC 26
762	325	II	1/2a	Environmental	/	PMSC 26
763	325	II	1/2a	Environmental	/	PMSC 26
764	325	II	1/2a	Environmental	/	PMSC 26
765	325	II	1/2a	Environmental	/	PMSC 26
766	325	II	1/2a	Environmental	/	PMSC 26
767	325	II	1/2a	Environmental	/	PMSC 26
768	325	II	1/2a	Environmental	/	PMSC 26
769	325	II	1/2a	Environmental	/	PMSC 26
770	325	II	1/2a	Environmental	/	PMSC 26
771	325	II	1/2a	Environmental	/	PMSC 26
772	325	II	1/2a	Environmental	/	PMSC 26
773	325	II	1/2a	Environmental	/	PMSC 26
774	325	II	1/2a	Environmental	/	PMSC 26
775	325	II	1/2a	Environmental	/	PMSC 26
776	325	II	1/2a	Environmental	/	PMSC 26
777	325	II	1/2a	Food	Dairy	PMSC 26
778	325	II	1/2a	Food	Dairy	PMSC 26
779	325	II	1/2a	Food	Dairy	PMSC 26
780	325	II	1/2a	Food	Dairy	PMSC 26
781	325	II	1/2a	Food	Dairy	PMSC 26
782	325	II	1/2a	Food	Dairy	PMSC 26
783	325	II	1/2a	Food	Dairy	PMSC 26
784	325	II	1/2a	Food	Dairy	PMSC 26
785	325	II	1/2a	Food	Dairy	PMSC 26
786	325	II	1/2a	Food	Dairy	PMSC 26
787	325	II	1/2a	Food	Dairy	PMSC 29
788	325	II	1/2a	Food	Dairy	PMSC 26
789	325	II	1/2a	Clinical	/	Complete
790	325	II	1/2a	Clinical	/	PMSC 26
791	330	I	1/2b	Food	Meat	Complete
792	330	I	1/2b	Food	Fish	Complete
793	330	I	1/2b	Environmental	/	Complete
794	330	I	1/2b	Food	Fish	Complete
795	386	II	nd	Food	Meat	Complete
796	388	I	4b	Food	Meat	Complete
797	388	I	4b	Clinical	/	Complete
798	394	II	1/2a	Food	Meat	Complete
799	397	I	nd	Food	Dairy	Complete
800	397	I	nd	Clinical	/	Complete
801	398	II	1/2a	Clinical	/	Complete
802	398	II	1/2a	Food	Meat	Complete
803	398	II	1/2a	Food	Dairy	Complete
804	398	II	1/2a	Clinical	/	Complete
805	412	II	nd	Food	Fish	Complete
806	412	II	nd	Food	Meat	Complete
807	429	I	1/2b	Food	Other	Complete
808	429	I	1/2b	Clinical	/	Complete
809	431	II	1/2a	Clinical	/	Complete
810	451	II	1/2a	Food	Dairy	Complete
811	451	II	1/2a	Environmental	/	Complete



812	451	II	1/2a	Clinical	/	Complete
813	451	II	1/2a	Clinical	/	Complete
814	451	II	1/2a	Clinical	/	Complete
815	451	II	1/2a	Clinical	/	Complete
816	451	II	1/2a	Clinical	/	Complete
817	451	II	1/2a	Clinical	/	Complete
818	451	II	1/2a	Clinical	/	Complete
819	451	II	1/2a	Clinical	/	Complete
820	451	II	1/2a	Clinical	/	Complete
821	451	II	1/2a	Clinical	/	Complete
822	451	II	1/2a	Clinical	/	Complete
823	489	I	1/2b	Environmental	/	Complete
824	504	II	1/2a	Food	Fish	Complete
825	504	II	1/2a	Clinical	/	Complete
826	511	II	nd	Clinical	/	Complete
827	517	I	4b	Clinical	/	Complete
828	517	I	4b	Food	Meat	Complete
829	517	I	4b	Clinical	/	Complete
830	517	I	4b	Clinical	/	Complete
831	580	II	1/2c	Food	Meat	PMSC 11
832	580	II	1/2c	Food	Meat	PMSC 11
833	580	II	1/2c	Food	Meat	PMSC 11
834	580	II	1/2c	Food	Meat	PMSC 11
835	580	II	1/2c	Food	Meat	PMSC 11
836	580	II	1/2c	Food	Meat	PMSC 11
837	717	II	1/2a	Environmental	/	PMSC 6
838	717	II	1/2a	Food	Fish	PMSC 6
839	1247	II	1/2a	Food	Fish	Complete
840	1247	II	1/2a	Clinical	/	Complete
841	1247	II	1/2a	Clinical	/	Complete
842	1247	II	1/2a	Clinical	/	Complete
843	1247	II	1/2a	Clinical	/	Complete
844	1247	II	1/2a	Clinical	/	Complete
845	1584	I	nd	Food	Fish	Complete
846	2080	I	4b	Clinical	/	Complete
847	2687	II	nd	Food	Meat	PMSC 11
848	2687	II	nd	Food	Meat	PMSC 11
849	2687	II	nd	Environmental	/	PMSC 11