SRA accession	isolate name	State	*emm* subtype	MLST	*tee* Type	*gac* I	*emm* like gene	surface protein genes (Fn-binding and R28)	*has* A	*sda* 1	*sic*	null rocA	Pnga3	NADase 330G	Exotoxin genes	PBP2X type	resistance	Total contigs	N50	Length of longest contig	Total bases in contigs
SAMN07153479	20155058	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	53	67319	161424	1810947
SAMN07154018	20160928	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	42	83989	302862	1808729
SAMN07152967	20151644	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	53	68410	194104	1813886
SAMN07152968	20151645	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	55	107087	271175	1816470
SAMN07152971	20151904	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	36	151216	327636	1814064
SAMN07152974	20152165	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	66	84061	248899	1819322
SAMN07152975	20152167	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	41	123312	273452	1812444
SAMN07152981	20152184	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	48	112508	246025	1815756
SAMN07152984	20152228	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	53	92579	208329	1818222
SAMN07152985	20152229	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	46	121855	229217	1813717
SAMN07152988	20152232	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	58	94924	196326	1819553
SAMN07152991	20152235	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	48	64121	203931	1810923
SAMN07152993	20152237	NY	1	28	1	+	-	*fbaA*	+	+	-	-	+	+	A,G,J,Z	1	-	75	50273	123144	1817169
SAMN07152994	20152238	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	123	25412	74127	1826381
SAMN07153010	20152513	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	120	30540	65819	1825362
SAMN07153011	20152515	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	115	30992	100414	1824399
SAMN07153014	20152518	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	73	55125	161228	1821969
SAMN07153020	20152524	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	34	169471	327619	1814673
SAMN07153022	20152526	MN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	46	98384	203927	1818861
SAMN07153024	20152612	GA	1	28	1	+	-	*fbaA*	+	-	+	-	+	+	A,G,J,Z	1	-	35	149434	327637	1774459
SAMN07153025	20152730	NM	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J	1	*parC-D10G*	27	271151	424316	1814797
SAMN07153048	20152758	NM	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	44	151282	221668	1816481
SAMN07153057	20152767	NM	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	32	203900	327708	1814289
SAMN07153058	20152787	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	37	205636	273452	1816921
SAMN07153059	20152788	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	36	221788	280624	1817087
SAMN07153069	20152837	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	33	203892	327616	1815231
SAMN07153085	20152993	CT	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	66	66409	163661	1816686
SAMN07153090	20153043	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	43	116892	173793	1810243
SAMN07153092	20153045	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	56	66394	155768	1813813
SAMN07153093	20153046	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	101	33377	83921	1825398
SAMN07153094	20153047	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	34	271055	424287	1806098
SAMN07153098	20153090	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	33	113356	327634	1808491
SAMN07153099	20153091	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	46	113309	273468	1811875
SAMN07153100	20153093	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	36	123244	203872	1808200
SAMN07153101	20153094	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	29	151249	327613	1807734
SAMN07153102	20153095	TN	1	28	1	+	-	*fbaA*	+	-	+	-	+	+	A,G,J,Z	1	-	31	151253	328014	1767656
SAMN07153103	20153096	TN	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	32	143130	220404	1808589
SAMN07153117	20153111	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	22	203799	327675	1809459
SAMN07153118	20153112	NY	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	37	108477	271123	1809584
SAMN07153120	20153145	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	37	97474	273496	1812097
SAMN07153121	20153146	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	32	203786	816889	1805312
SAMN07153126	20153439	GA	1	28	1	+	-	*fbaA*	+	+	+	-	+	+	A,G,J,Z	1	-	32	151216	327572	1805838

SAMN07153127	20153440	GA	1	28	1	-	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	151279	327598	1811860
SAMN07153128	20153480	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	119358	280614	1812116
SAMN07153129	20153482	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	46	115656	273499	1814734
SAMN07153133	20153486	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	65	67866	146213	1815133
SAMN07153149	20153554	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	151265	327601	1808648
SAMN07153150	20153556	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	43	147935	217889	1810668
SAMN07153153	20153560	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	45	97806	273472	1813127
SAMN07153154	20153561	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	135021	216414	1810528
SAMN07153156	20153571	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	203716	273284	1805662
SAMN07153181	20153610	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	38	113331	273459	1810420
SAMN07153182	20153611	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	134069	245989	1822941
SAMN07153183	20153612	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	60	67490	142728	1826639
SAMN07153193	20153622	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	97461	424299	1810946
SAMN07153196	20153864	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	161103	328069	1813290
SAMN07153197	20153865	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	221784	394923	1808747
SAMN07153200	20154009	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J	1	-	37	246023	424556	1812137
SAMN07153203	20154012	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203867	327622	1808952
SAMN07153223	20154033	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	144668	315981	1809829
SAMN07153224	20154034	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	204352	310663	1811812
SAMN07153242	20154052	CA	1	28	1	+	-	fbaA	+	-	-	-	+	+	A,G,J,Z	1	-	37	151299	317579	1770883
SAMN07153246	20154127	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	271084	478743	1808461
SAMN07153247	20154128	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203915	327674	1825990
SAMN07153253	20154134	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	123532	327009	1809081
SAMN07153275	20154157	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	127902	221763	1809930
SAMN07153277	20154159	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221743	478810	1824619
SAMN07153278	20154160	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	118782	424613	1803493
SAMN07153281	20154163	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	221856	479225	1807505
SAMN07153282	20154164	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203839	327641	1823510
SAMN07153283	20154165	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	203831	327578	1808173
SAMN07153303	20154377	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	123251	273443	1811295
SAMN07153314	20154544	CT	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	45	118834	328622	1763797
SAMN07153316	20154546	CT	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	57	76428	149288	1764409
SAMN07153321	20154551	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	147742	246232	1804804
SAMN07153326	20154556	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	58	55928	166493	1815603
SAMN07153329	20154559	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	195112	327647	1809766
SAMN07153333	20154564	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	221595	751723	1804813
SAMN07153335	20154566	CT	1	28	1	+	-	fbaA	+	+	-	-	+	+	A,G,J,Z	1	-	26	271163	424317	1809097
SAMN07153344	20154597	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	119412	273433	1810146
SAMN07153350	20154603	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	203875	424342	1808049
SAMN07153353	20154606	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	151283	327643	1810579
SAMN07153363	20154617	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	271153	357196	1808315
SAMN07153365	20154619	GA	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	44	115502	265929	1771493
SAMN07153366	20154620	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	151281	271179	1812496
SAMN07153386	20154788	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221647	424233	1804731
SAMN07153393	20154795	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	34	203883	327644	1809349

SAMN07153399	20154801	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	221719	327595	1808283
SAMN07153405	20154807	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	41	98479	221864	1811919
SAMN07153409	20154812	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	49	69945	163003	1813653
SAMN07153421	20154945	OR	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	120239	195250	1810778
SAMN07153424	20154948	OR	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	178171	300847	1809895
SAMN07153430	20154962	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	221753	424310	1809893
SAMN07153432	20154964	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	208307	273456	1810099
SAMN07153445	20155022	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	93	118723	424553	1808821
SAMN07153446	20155023	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	G,J,Z	1	-	36	151276	273456	1801784
SAMN07153449	20155026	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	151293	327670	1824811
SAMN07153454	20155032	MN	1	28	1	+	-	fbaA	+	+	-	-	+	+	A,G,J,Z	1	-	25	203864	327619	1812896
SAMN07153465	20155043	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221760	394877	1809137
SAMN07153471	20155049	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	221700	424197	1806876
SAMN07153473	20155052	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	114038	273425	1824676
SAMN07153474	20155053	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	221711	478726	1845988
SAMN07153478	20155057	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	46	181372	334762	1805334
SAMN07153490	20155069	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	97706	203803	1806894
SAMN07153493	20155193	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	85	50469	169828	1818315
SAMN07153496	20155196	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	46	84022	276018	1813180
SAMN07153498	20155198	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	53	97803	162161	1810913
SAMN07153499	20155199	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	48	97425	151241	1811598
SAMN07153508	20155211	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	70	56385	131951	1815630
SAMN07153514	20155355	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	221743	327691	1809159
SAMN07153517	20155358	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	178143	246547	1810653
SAMN07153521	20155362	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J	1	-	30	221783	327623	1826212
SAMN07153522	20155363	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	151279	221771	1809781
SAMN07153527	20155368	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	150177	327641	1811725
SAMN07153528	20155369	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	26	271099	424731	1806981
SAMN07153529	20155370	CT	1	28	1	-	-	fbaA	+	+	-	-	+	+	A,G,J,Z	1	-	37	221771	327632	1807533
SAMN07153536	20155377	CT	1	28	1	-	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	36	181743	327557	1771030
SAMN07153541	20155382	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	221671	478717	1823275
SAMN07153553	20155405	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	92515	293130	1806796
SAMN07153559	20155411	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	45	194686	327618	1813465
SAMN07153564	20155416	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	43	98316	275729	1811371
SAMN07153566	20155418	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	146407	273386	1807867
SAMN07153567	20155575	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	138258	273400	1812225
SAMN07153569	20155577	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	128863	273472	1826891
SAMN07153583	20155591	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	151229	273360	1805695
SAMN07153585	20155593	TN	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	38	100650	273488	1770692
SAMN07153588	20155599	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	34	151245	327597	1767713
SAMN07153593	20155604	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	149586	421047	1804879
SAMN07153597	20155608	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	222043	327578	1814048
SAMN07153602	20155613	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	35	163078	327645	1768953
SAMN07153606	20155618	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,C,G,J,Z	1	-	50	92583	266091	1852676
SAMN07153608	20155620	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	31	163110	327657	1768843

SAMN07153609	20155621	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	29	163086	327653	1767629
SAMN07153610	20155622	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	26	271147	424331	1808097
SAMN07153611	20155623	MD	1	28	1	+	-	-	+	+	+	-	+	+	A,G,J,Z	1	-	33	123081	424680	1804885
SAMN07153612	20155624	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	123239	203891	1807650
SAMN07153614	20155626	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	35	138025	202396	1768870
SAMN07153615	20155627	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	123267	258444	1807511
SAMN07153617	20155629	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	119292	324180	1806322
SAMN07153619	20155631	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	118990	256844	1808305
SAMN07153622	20155634	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	123246	273472	1809776
SAMN07153624	20155636	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	36	163098	327620	1769670
SAMN07153631	20155643	MD	1	28	1	-	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	29	160838	273441	1766145
SAMN07153632	20155644	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203830	327481	1808332
SAMN07153633	20155645	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	221772	424322	1808489
SAMN07153643	20155655	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	271155	424360	1808500
SAMN07153647	20155659	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	203876	327634	1809296
SAMN07153648	20155660	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	27	221658	751726	1803671
SAMN07153650	20155662	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	203719	327631	1809626
SAMN07153653	20156013	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	221656	424777	1808082
SAMN07153677	20156156	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	203864	327634	1808053
SAMN07153680	20156159	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	200805	327442	1803840
SAMN07153689	20156168	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	114289	273591	1810076
SAMN07153693	20156172	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	131818	273473	1810378
SAMN07153697	20156176	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	123284	264007	1809364
SAMN07153701	20156180	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	113445	323542	1800670
SAMN07153712	20156191	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	168167	310758	1807589
SAMN07153727	20156325	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,K,Z	1	-	49	202427	422628	1860817
SAMN07153736	20156389	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	203590	424552	1800843
SAMN07153740	20156393	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	44	92535	204678	1810248
SAMN07153742	20156395	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	203623	424465	1801725
SAMN07153744	20156397	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	178191	273464	1809572
SAMN07153751	20156404	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	229382	424332	1810004
SAMN07153760	20156416	CA	1	28	1	-	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	124873	203931	1810906
SAMN07153761	20156417	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	44	84312	332501	1811093
SAMN07153762	20156418	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	119062	273743	1810795
SAMN07153787	20156443	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	70	53215	92896	1817089
SAMN07153797	20156453	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	122956	273659	1808188
SAMN07153817	20156630	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	216784	327696	1809261
SAMN07153819	20156632	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	222057	327638	1810003
SAMN07153821	20156634	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	153082	327675	1808578
SAMN07153825	20156638	NY	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	204341	327694	1810784
SAMN07153826	20156639	NY	1	28	1	+	-	fbaA	+	+	-	-	+	+	A,G,J,Z	1	-	75	221634	478628	1816153
SAMN07153836	20156712	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221704	424330	1806952
SAMN07153840	20156716	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	203844	273401	1809930
SAMN07153845	20156721	CT	1	28	1	+	-	fbaA	+	+	+	-	+	+	G,J,Z	1	-	50	66381	218999	1773881
SAMN07153846	20156723	CT	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	55	67842	150155	1774200

SAMN07153860	20156784	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	57	68821	163122	1772904
SAMN07153862	20156786	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	52	88870	203920	1814353
SAMN07153864	20156788	MD	1	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	39	123148	424840	1770229
SAMN07153865	20156789	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203843	327549	1812918
SAMN07153869	20156793	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	118978	298927	1813370
SAMN07153878	20160004	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	36	123152	424849	1805954
SAMN07153880	20160006	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	97	123152	424844	1824323
SAMN07153895	20160022	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	123199	273787	1813959
SAMN07153899	20160026	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221747	478792	1813575
SAMN07153918	20160137	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	parC-D10G	31	203903	275738	1808914
SAMN07153930	20160174	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	204409	298895	1809432
SAMN07153934	20160178	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	138047	276170	1813897
SAMN07153937	20160182	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	222738	327599	1809681
SAMN07153963	20160320	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221608	478681	1806412
SAMN07153977	20160334	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	204386	327618	1810472
SAMN07153978	20160335	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	204372	327627	1809737
SAMN07153980	20160451	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	203835	273403	1808852
SAMN07153982	20160453	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	222744	327603	1809643
SAMN07153983	20160454	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	221759	327629	1810402
SAMN07154012	20160758	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203754	356796	1806605
SAMN07154019	20160929	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	24	203864	327634	1812855
SAMN07154058	20160985	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	204320	327592	1810395
SAMN07154060	20160987	GA	1	28	1	+	-	fbaA	-	+	+	-	+	+	A,G,J,Z	1	-	29	221728	424343	1806779
SAMN07154064	20161022	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	27	222060	327609	1809226
SAMN07154073	20161067	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	221755	327626	1808979
SAMN07154083	20161077	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	188996	327606	1774413
SAMN07154090	20161084	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	38	203919	278721	1810279
SAMN07154092	20161086	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	178090	395140	1809119
SAMN07154106	20161198	OR	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	271169	478825	1809596
SAMN07154136	20161337	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	221332	478585	1804247
SAMN07154140	20161424	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	204177	352176	1804981
SAMN07154147	20161431	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	203747	327542	1805920
SAMN07154150	20161434	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	32	267002	479239	1881571
SAMN07154160	20161444	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	151270	273543	1809262
SAMN07154161	20161445	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	203838	327585	1808757
SAMN07154166	20161450	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	27	222088	327643	1813789
SAMN07154170	20161531	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	221663	327587	1809151
SAMN07154171	20161532	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	45	119072	203688	1808021
SAMN07154175	20161536	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	64	203538	424386	1799498
SAMN07154177	20161538	GA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	52	118750	328200	1802424
SAMN07154185	20161719	MD	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	70	54471	173985	1810434
SAMN07154207	20161827	OR	1	28	1	+	-	fbaA, sfb1	+	+	+	-	+	+	A,G,J,Z	1	-	61	83300	203797	1809010
SAMN07154210	20161830	OR	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	64	66482	123200	1811648
SAMN07154221	20161859	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	26	222025	478769	1807582
SAMN07154222	20161860	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	221747	478792	1807730

SAMN07154223	20161861	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	221778	751833	1809083
SAMN07154227	20161865	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	119038	222186	1808705
SAMN07154276	20162143	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	90	41113	127767	1809815
SAMN07154286	20162154	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	123107	424822	1811230
SAMN07154291	20162159	CA	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	123152	424833	1812716
SAMN07154292	20162270	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	56	92281	186355	1808941
SAMN07154294	20162272	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	208	100362	145116	1830745
SAMN07154319	20162427	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	65	123037	424625	1812676
SAMN07154323	20162432	MN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	203810	327596	1829657
SAMN07154327	20162597	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	221944	478689	1810838
SAMN07154328	20162598	NM	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	203804	410805	1816403
SAMN07154340	20162640	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	123131	424801	1811304
SAMN07154354	20162654	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	203799	394853	1814367
SAMN07154360	20162660	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	221751	478801	1814371
SAMN07154364	20162664	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	46	134837	376635	1823587
SAMN07154372	20162672	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	123201	273728	1806803
SAMN07154376	20162676	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	10	-	45	122977	273561	1809366
SAMN07154385	20163038	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	115341	273440	1813214
SAMN07154401	20164741	TN	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	74	116871	273279	1816463
SAMN07154403	20164911	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	262	53294	141374	1835710
SAMN07154406	20164914	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	ermB, tetM, aph3-III, sat4A	45	115611	273758	1878159
SAMN07154408	20164916	CO	1	28	1	-	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	102540	424813	1805644
SAMN07154414	20164922	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	ermB, tetM, aph3-III, sat4A	56	86700	127048	1878654
SAMN07154416	20164924	CO	1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	62	203712	328847	1817630
SAMN07153186	20153615	CO	1	785	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	30	159215	327621	1807830
SAMN07153119	20153143	GA	1	852	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	39	115633	394928	1769388
SAMN07153123	20153148	GA	1	852	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	47	92591	263351	1774005
SAMN07153327	20154557	CT	1	856	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	123276	273472	1809648
SAMN07153172	20153601	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	27	222787	327663	1809664
SAMN07153385	20154787	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	132416	271125	1810934
SAMN07153417	20154821	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	25	223131	327687	1815016
SAMN07154071	20161065	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	28	222755	327624	1809175
SAMN07154329	20162629	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	26	271113	478787	1813298
SAMN07154344	20162644	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	203817	327672	1812082
SAMN07154382	20163035	TN	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	tetM	42	98603	273773	1827661
SAMN07154405	20164913	CO	1	858	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	203877	327612	1813504
SAMN07153758	20156414	CA	1	897	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	44	121875	273472	1812187
SAMN07154381	20163034	TN	1	898	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	59	70682	118577	1803913
SAMN07153401	20154803	CO	1	899	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	212191	270979	1806558
SAMN07153505	20155207	GA	1.18	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	123120	424239	1804634
SAMN07153091	20153044	GA	1.19	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J	1	23S1-G10A	50	98618	222777	1814611
SAMN07153305	20154379	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1		34	119410	273750	1806998
SAMN07153003	20152306	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	64	67409	149428	1817209
SAMN07153005	20152309	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	82	46708	111508	1819137
SAMN07153034	20152743	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	137923	273461	1816672

SAMN07153077	20152976	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	199106	327635	1816692
SAMN07153081	20152980	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	204429	280603	1816780
SAMN07153164	20153579	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	195205	327627	1811372
SAMN07153165	20153580	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	37	221591	478636	1806648
SAMN07153294	20154295	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	221703	414043	1808870
SAMN07153309	20154383	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	221603	478653	1804850
SAMN07153423	20154947	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	138284	273460	1810223
SAMN07153427	20154951	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	204357	327591	1807852
SAMN07153460	20155038	MN	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	270900	478557	1803775
SAMN07153548	20155389	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	222083	328947	1807972
SAMN07153550	20155391	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	204588	327649	1809097
SAMN07153635	20155647	MD	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	169540	314668	1810194
SAMN07153670	20156109	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	204271	327623	1809884
SAMN07153741	20156394	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	47	102738	203898	1812305
SAMN07153759	20156415	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	121024	269477	1811108
SAMN07153768	20156424	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	113411	215002	1811815
SAMN07153770	20156426	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	150007	221791	1812463
SAMN07153807	20156596	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	271168	478825	1809820
SAMN07153887	20160014	CO	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	151349	246086	1811503
SAMN07153962	20160319	MN	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	220214	478701	1816681
SAMN07154065	20161023	NM	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	39	151258	327585	1810778
SAMN07154105	20161197	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	221771	327717	1811340
SAMN07154110	20161202	OR	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	parC-S6F	28	222078	327657	1808460
SAMN07154263	20162130	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	35	221619	521341	1807323
SAMN07154282	20162150	CA	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	123088	273284	1809927
SAMN07154349	20162649	CO	1.25	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	119176	424890	1812879
SAMN07153033	20152742	NM	1.29	28	1	+	-	fbaA	+	+	-	-	+	+	A,G,J,Z	1	-	37	203908	280565	1813684
SAMN07153191	20153620	CO	1.29	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	29	222760	327617	1810483
SAMN07153263	20154145	MN	1.29	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	151280	273452	1811761
SAMN07153687	20156166	MN	1.29	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	203895	280531	1811758
SAMN07153691	20156170	MN	1.29	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	151282	273583	1809228
SAMN07154163	20161447	MN	1.3	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	151282	327603	1809255
SAMN07153147	20153552	GA	1.33	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	41	111516	203928	1812713
SAMN07153377	20154661	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	38	119492	256655	1807482
SAMN07153065	20152794	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	221775	327642	1816193
SAMN07153088	20153041	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	128009	273476	1815142
SAMN07153299	20154325	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	131476	327930	1809838
SAMN07153300	20154326	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	115597	221539	1810400
SAMN07153331	20154562	CT	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	32	219487	327641	1810911
SAMN07153369	20154623	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	149636	246804	1814372
SAMN07153370	20154624	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	97810	273476	1816587
SAMN07153436	20154968	NY	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	221762	327621	1809626
SAMN07153578	20155586	TN	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	40	176480	327280	1807207
SAMN07153657	20156020	GA	1.49	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	31	151309	222086	1809159
SAMN07154181	20161542	GA	1.49	28	1	+	-	fbaA	+	-	+	-	+	+	A,G,J,Z	1	-	34	162999	364224	1771625

SAMN07153143	20153539	OR	1.6	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	42	98289	267126	1812284
SAMN07154173	20161534	GA	1.6	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	34	204341	327543	1814807
SAMN07153651	20156011	GA	1.98	28	1	+	-	fbaA	+	+	+	-	+	+	A,C,G,J,S,Z	1	-	36	122585	327582	1854982
SAMN07154342	20162642	CO	1.99	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	36	203864	327600	1814811
SAMN07153002	20152305	OR	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	98	46442	98001	1964926
SAMN07153066	20152795	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	44	81274	259933	1996878
SAMN07153122	20153147	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	12	-	42	94989	260539	1950617
SAMN07153168	20153583	NM	2	55	2	+	enn, mrp	fbaA, sof	+	+	-	-	-	+	C,G	1	-	27	189945	262343	1874908
SAMN07153206	20154015	CA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	42	103404	183565	1905166
SAMN07153250	20154131	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	34	149595	378275	1904291
SAMN07153267	20154149	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	38	122963	293488	1945178
SAMN07153268	20154150	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	31	184095	343564	1902830
SAMN07153273	20154155	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	30	163153	299380	1886551
SAMN07153367	20154621	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	32	127600	456003	1943592
SAMN07153374	20154629	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	42	93197	188030	1944669
SAMN07153456	20155034	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	31	184121	370017	1903573
SAMN07153482	20155061	MN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	+	-	-	-	+	C,G	1	-	28	184103	421706	1958475
SAMN07153537	20155378	CT	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	26	183575	259856	1901272
SAMN07153538	20155379	CT	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	21	252574	513175	1906462
SAMN07153604	20155616	MD	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	26	183337	428944	1954281
SAMN07153630	20155642	MD	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	38	96070	277607	1957445
SAMN07153729	20156360	NM	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	27	-	32	127608	426902	1947924
SAMN07153771	20156427	CA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	37	102289	236034	1884367
SAMN07153790	20156446	CA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	58	77810	183243	1910418
SAMN07153931	20160175	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	41	92848	265406	1945470
SAMN07154093	20161087	CO	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G	1	-	22	163180	343583	1857695
SAMN07154125	20161240	NY	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	33	184112	405115	1943595
SAMN07154132	20161333	NM	2	55	2	+	mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	32	163132	339732	1954631
SAMN07154172	20161533	GA	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	12	-	41	110673	308584	1991061
SAMN07154232	20161871	TN	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,H,I,K	12	-	28	287790	460316	1953231
SAMN07154322	20162430	MN	2	55	2	+	mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	49	116357	313546	1955242
SAMN07154409	20164917	CO	2	55	2	+	enn, mrp	fbaA, R28, sof	+	-	-	-	-	+	C,G,K	1	-	31	183798	472301	1936612
SAMN07153694	20156173	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	45	133133	328250	1832148
SAMN07154316	20162424	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	59	83016	182778	1837709
SAMN07152972	20151906	GA	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	-	44	79041	196532	1840231
SAMN07152973	20152164	GA	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K,Z	1	-	93	42131	159004	1902974
SAMN07153047	20152757	NM	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K,Z	1	-	34	103286	485897	1844834
SAMN07153169	20153597	CO	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K,S	1	-	46	103261	442149	1869778
SAMN07153252	20154133	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	37	171332	442171	1835912
SAMN07153284	20154166	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K,S	1	-	39	171204	442141	1866805
SAMN07153397	20154799	CO	3.1	15	3	+	-	-	+	-	-	+	+	+	G,K,S,Z	1	-	43	163280	381188	1835917
SAMN07153453	20155031	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K,S,Z	1	-	43	163319	442160	1869597
SAMN07153463	20155041	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K	1	-	24	171740	442101	1792966
SAMN07153467	20155045	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K,S	1	-	47	163294	440880	1871155
SAMN07153475	20155054	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S,Z	1	-	41	144824	442177	1837016

SAMN07153488	20155067	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	43	138950	516641	1831897
SAMN07153544	20155385	CT	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	mef, tetM, cat, msrD	34	133211	296910	1897585
SAMN07153595	20155606	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	42	165503	300881	1830462
SAMN07153596	20155607	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,K,S	1	-	40	171188	442095	1866135
SAMN07153613	20155625	MD	3.1	15	3	+	enn	prtF2	+	-	-	+	+	+	A,G,S	1	-	41	108094	159454	1826431
SAMN07153616	20155628	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	53	144278	228974	1830049
SAMN07153618	20155630	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	49	85621	262218	1829608
SAMN07153623	20155635	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	36	171284	432202	1835606
SAMN07153634	20155646	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	38	117131	432305	1826787
SAMN07153638	20155650	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	43	133220	241365	1829936
SAMN07153683	20156162	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	36	163336	442216	1845100
SAMN07153705	20156184	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	37	132761	442163	1839929
SAMN07153763	20156419	CA	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K,Z	1	mef, tetM, cat, msrD	52	97856	194179	1901872
SAMN07153844	20156720	CT	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	mef, tetM, cat, msrD	65	64659	131148	1868235
SAMN07153854	20156778	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	62	70591	181689	1831736
SAMN07153855	20156779	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S,Z	1	-	55	81549	276975	1831261
SAMN07153856	20156780	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S,Z	1	-	64	77089	251003	1832821
SAMN07153964	20160321	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	-	38	130914	230352	1837291
SAMN07154007	20160753	MD	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S,Z	1	-	29	197243	442167	1831544
SAMN07154145	20161429	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	39	171268	248054	1833542
SAMN07154154	20161438	MN	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	31	171196	516997	1836932
SAMN07154217	20161837	OR	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	-	77	53596	188923	1855190
SAMN07154295	20162273	NM	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	A,C,G,K	1	mef, msrD	33	181441	276238	1847988
SAMN07154357	20162657	CO	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S,Z	1	-	83	65933	218874	1834605
SAMN07154373	20162673	CO	3.1	15	3	+	-	prtF2	+	-	-	+	+	+	G,K,S	1	-	59	171136	442094	1836920
SAMN07153410	20154813	CO	3.4	15	3	+	-	prtF2	+	-	-	+	+	+	A,G,S	1	-	43	170631	417268	1829038
SAMN07154178	20161539	GA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	52	83574	164443	1840159
SAMN07154199	20161733	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1		48	87016	202090	1833918
SAMN07154216	20161836	OR	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	51	106534	250445	1834189
SAMN07152965	20151534	GA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	76	53314	131001	1843597
SAMN07152978	20152180	GA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	79	47834	120353	1847182
SAMN07153016	20152520	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	129	25524	97171	1815323
SAMN07153060	20152789	GA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	44	100034	211433	1805769
SAMN07153072	20152971	OR	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	45	99791	230601	1843532
SAMN07153104	20153097	TN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	65	106982	250369	1867189
SAMN07153130	20153483	NY	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	41	162815	335289	1901186
SAMN07153234	20154044	CA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	42	140968	250196	1837793
SAMN07153254	20154135	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	38	106568	250329	1835306
SAMN07153257	20154138	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	A,C,S,Z	1	ermT	53	99795	211400	1880269
SAMN07153285	20154167	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	41	84212	211387	1796799
SAMN07153304	20154378	NY	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	40	144161	250181	1790442
SAMN07153306	20154380	OR	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	61	66140	127740	1841726
SAMN07153357	20154610	TN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	36	157496	250262	1832435
SAMN07153402	20154804	CO	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	39	156694	282138	1834462
SAMN07153404	20154806	CO	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	34	121213	250380	1802947

SAMN07153433	20154965	NY	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	42	108750	236040	1800306
SAMN07153455	20155033	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	34	156720	282037	1801197
SAMN07153472	20155050	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	39	121282	250211	1798541
SAMN07153484	20155063	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	41	79543	183846	1798643
SAMN07153491	20155070	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	52	84241	163123	1799007
SAMN07153506	20155208	GA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	58	66103	206580	1838294
SAMN07153555	20155407	NY	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	45	156720	282036	1793421
SAMN07153594	20155605	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	33	163192	279631	1835938
SAMN07153637	20155649	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	41	100050	250261	1835356
SAMN07153642	20155654	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	64	54182	211411	1805278
SAMN07153700	20156179	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	43	84803	211287	1799230
SAMN07153703	20156182	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	49	80016	250235	1801716
SAMN07153788	20156444	CA	4	39	4	+	enn, mrp	fbaA, sfb1	-	-	-	-	+	+	C,S,Z	1	-	48	78936	168115	1833899
SAMN07153814	20156626	TN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S	7	-	38	156812	250376	1836342
SAMN07153861	20156785	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	42	106548	211152	1797658
SAMN07153961	20160318	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	32	119938	250310	1797907
SAMN07154015	20160761	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	41	163192	250532	1801665
SAMN07154036	20160950	CT	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	42	90265	166390	1838665
SAMN07154066	20161024	NM	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	36	174676	334446	1833025
SAMN07154076	20161070	CO	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	35	156780	334552	1797492
SAMN07154102	20161096	CO	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	34	156728	334310	1795661
SAMN07154112	20161204	OR	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	53	76856	211456	1835795
SAMN07154143	20161427	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	33	163021	334401	1799514
SAMN07154156	20161440	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	10	ermT	33	156732	334530	1802051
SAMN07154186	20161720	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	41	163189	250241	1842086
SAMN07154189	20161723	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	64	64800	139033	1832129
SAMN07154198	20161732	MD	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	237	15376	64754	1867894
SAMN07154255	20162122	CA	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	38	144186	212372	1797685
SAMN07154305	20162413	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	55	126048	298289	1839547
SAMN07154307	20162415	MN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	53	106422	211264	1801732
SAMN07154370	20162670	CO	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	55	133609	334483	1840101
SAMN07154400	20164740	TN	4	39	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	-	48	163019	250179	1837094
SAMN07154410	20164918	CO	4	911	4	+	enn, mrp	fbaA, sfb1, sof	-	-	-	-	+	+	C,S,Z	1	ermT	51	156608	250227	1798305
SAMN07153469	20155047	MN	5.128	99	5	+	-	prtF2	+	-	-	-	-	-	C,G,Z	1	-	45	223264	265587	1809101
SAMN07153468	20155046	MN	5.18	99	5	+	-	prtF2	+	-	-	-	-	-	C,G,Z	1	-	36	199675	265631	1807952
SAMN07153395	20154797	CO	6.101	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,Z	8	parC-S6A	44	123262	244770	1788174
SAMN07153064	20152793	GA	6.102	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	48	156751	167801	1835064
SAMN07153035	20152745	NM	6.103	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	60	89798	163225	1875120
SAMN07153019	20152523	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,G,H,I,Z	8	parC-S6A	43	134173	244705	1792214
SAMN07153261	20154143	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,Z	8	parC-S6A	39	105471	163205	1747600
SAMN07153274	20154156	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	51	105395	202705	1864329
SAMN07153320	20154550	CT	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	57	66182	155393	1790906
SAMN07153354	20154607	TN	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	50	134031	244637	1864189
SAMN07153376	20154635	GA	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,G,Z	8	parC-S6A	45	107720	167662	1764189
SAMN07153470	20155048	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	+	A,C,G,Z	8	parC-S6A	33	134307	244709	1745620

SAMN07153476	20155055	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	44	144389	244686	1787514
SAMN07153481	20155060	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,Z	8	parC-S6A	43	134215	244617	1781878
SAMN07153525	20155366	CT	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	39	107652	244730	1786864
SAMN07153644	20155656	MD	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	44	99640	197696	1789703
SAMN07153704	20156183	MN	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,Z	8	parC-S6A	32	156814	244689	1744866
SAMN07153832	20156707	CT	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	36	107653	242866	1791074
SAMN07153928	20160172	GA	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	51	67594	113103	1827621
SAMN07153988	20160492	NM	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	42	105479	244758	1829711
SAMN07154176	20161537	GA	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	134	50555	143292	1864540
SAMN07154206	20161742	CT	6.4	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	57	51324	149800	1794045
SAMN07153362	20154616	TN	6.64	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	83	43148	194582	1872011
SAMN07153656	20156019	GA	6.8	382	6	+	-	sfb1	+	-	-	-	-	-	+	A,C,G,K,Z	8	parC-S6A	40	134276	244670	1787053
SAMN07153857	20156781	MD	8	59	8	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,H,L,M,Z	1	ermtTR, tetT	71	95900	286332	1952326
SAMN07154195	20161729	MD	8	59	8	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,H,L,M,Z	1	ermtTR, tetT	151	36943	106446	1955413
SAMN07153806	20156595	OR	8	869	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,L,M,Z	1	-	28	195820	280583	1784283
SAMN07153532	20155373	CT	9	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,S,Z	1	ermB, tetM	43	98762	205879	1956457
SAMN07154097	20161091	CO	9	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,S,Z	1	ermB, tetM	36	136501	284071	1945651
SAMN07154205	20161741	CT	9	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,S,Z	1	ermB, tetM	117	38005	138859	1959191
SAMN07154362	20162662	CO	9	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,S,Z	1	ermB, tetM	32	162616	284017	1935711
SAMN07154383	20163036	TN	9	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,S,Z	1	-	38	121495	284093	1929796
SAMN07153837	20156713	CT	9.2	75	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,L,M,Z	1	-	74	48988	149883	1941528
SAMN07153503	20155204	GA	9.2	891	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,Z	1	-	55	79652	144752	1796984
SAMN07153592	20155603	MD	9.2	891	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,Z	1	-	25	201794	283609	1790088
SAMN07154046	20160970	NY	9.2	891	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,L,M,Z	1	-	31	156064	213383	1870505
SAMN07154299	20162407	MN	9.2	891	9	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,L,M,Z	1	-	35	162868	263966	1877462
SAMN07154044	20160958	OR	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	gyrA-S11F, parC-S6Y	38	168572	503775	1788944
SAMN07153029	20152737	NM	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	28	183307	364499	1868840
SAMN07153083	20152991	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, parC-S6F	32	110306	243821	1862313
SAMN07153157	20153572	NM	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	27	243698	477271	1860533
SAMN07153194	20153862	GA	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,S,Z	1	-	36	243746	476274	1847362
SAMN07153216	20154025	CA	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	29	133992	478574	1903912
SAMN07153276	20154158	MN	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	28	250094	477314	1880521
SAMN07153301	20154375	NY	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	parC-D10N	38	137118	254493	1757900
SAMN07153312	20154386	OR	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	43	101222	214980	1761357
SAMN07153315	20154545	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	27	183201	474691	1793925
SAMN07153323	20154553	CT	11	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	42	157926	341671	1855798
SAMN07153324	20154554	CT	11	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	30	144548	478460	1858670
SAMN07153339	20154592	TN	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	30	243919	478202	1863178
SAMN07153348	20154601	TN	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	35	144471	478551	1864885
SAMN07153371	20154626	GA	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, ermTR, tetM, ant6-Ia, aph3-III, sat4	55	106148	257324	1937217
SAMN07153523	20155364	CT	11	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	17	243770	478517	1862058
SAMN07153530	20155371	CT	11	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	21	243770	478498	1857713
SAMN07153531	20155372	CT	11	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	26	216889	478506	1857836
SAMN07153542	20155383	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, ermTR, tetM	25	145034	478516	1874752
SAMN07153543	20155384	CT	11	403	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	22	229120	478581	1846995

SAMN07153587	20155597	MD	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	56	68179	221400	1901792
SAMN07153636	20155648	MD	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	39	145819	309346	1897900
SAMN07153661	20156100	NM	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	27	250069	704431	1753400
SAMN07153811	20156623	TN	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	76	243443	531673	1859029
SAMN07153831	20156706	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	23	243809	465369	1859062
SAMN07153834	20156709	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	ermB, lsaC, tetM, aph3-III, sat4A	24	250065	735489	1825556
SAMN07153839	20156715	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	48	76510	166815	1863266
SAMN07153851	20156728	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	24	243710	476479	1860247
SAMN07153871	20156795	MD	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	25	243795	478559	1864746
SAMN07153877	20160003	CO	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	26	243669	745099	1860590
SAMN07153939	20160244	OR	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	25	222303	478465	1864024
SAMN07154002	20160748	MD	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	ermTR	23	301801	704473	1791042
SAMN07154013	20160759	MD	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	32	127854	512536	1896295
SAMN07154022	20160933	TN	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	-	+	C,G,Z	1	parC-S6Y	30	226131	478549	1757139
SAMN07154035	20160949	CT	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, ermTR, tetM, aph3-III, sat4A	36	243825	478546	1915973
SAMN07154047	20160971	NY	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	25	239241	478554	1900298
SAMN07154100	20161094	CO	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	19	243794	478217	1858076
SAMN07154134	20161335	NM	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	29	213535	466022	1789116
SAMN07154174	20161535	GA	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	36	135647	376986	1865913
SAMN07154249	20162116	CA	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	33	185098	410358	1919739
SAMN07154365	20162665	CO	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	36	243832	464339	1853956
SAMN07154375	20162675	CO	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	29	250062	478479	1861531
SAMN07154415	20164923	CO	11	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	25	243782	448102	1762262
SAMN07153195	20153863	GA	11	907	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,H,K,Z	1	tetM	37	162471	262714	1808316
SAMN07153563	20155415	NY	11.1	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	24	243786	474778	1753266
SAMN07154333	20162633	CO	11.1	403	11	+	mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	-	+	C,G,Z	1	-	31	226663	474288	1797774
SAMN07153841	20156717	CT	11.16	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	36	145841	243808	1864099
SAMN07154200	20161736	CT	11.16	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	149	20360	60261	1885898
SAMN07154148	20161432	MN	11.17	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM	23	246493	775630	1853731
SAMN07153956	20160313	MN	11.18	403	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,Z	1	-	30	187030	473339	1754131
SAMN07152976	20152178	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	45	122752	343347	1766960
SAMN07153888	20160015	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	57	77188	201679	1807808
SAMN07154137	20161338	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	47	90665	203890	1807274
SAMN07154142	20161426	MN	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	52	97387	201667	1843204
SAMN07152979	20152182	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	38	124501	344119	1773811
SAMN07152980	20152183	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	38	122804	476142	1773516
SAMN07152983	20152227	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	71	64324	160405	1834779
SAMN07152992	20152236	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	48	96209	161388	1811244
SAMN07153001	20152304	OR	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	108	29192	154466	1818920
SAMN07153017	20152521	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	39	156746	226857	1813094
SAMN07153023	20152610	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	49	148443	214736	1813455
SAMN07153027	20152735	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	148466	203914	1813810
SAMN07153078	20152977	OR	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	45	148390	226778	1812907
SAMN07153086	20152994	CT	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	46	99857	193680	1805413
SAMN07153087	20153040	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	53	178219	214677	1802813

SAMN07153096	20153049	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	ermTR	36	148134	475978	1810899
SAMN07153111	20153105	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	45	122616	396775	1767585
SAMN07153112	20153106	NY	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	-	43	90530	343439	1826025
SAMN07153138	20153534	OR	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	ermTR	33	148612	476065	1811840
SAMN07153140	20153536	OR	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	37	100164	203935	1812987
SAMN07153142	20153538	OR	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	43	182112	201654	1806126
SAMN07153151	20153557	GA	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	53	162906	343505	1758733
SAMN07153166	20153581	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	80	53150	171986	1805420
SAMN07153170	20153598	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	148434	226829	1807614
SAMN07153173	20153602	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	182140	226827	1806729
SAMN07153177	20153606	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	43	182064	226731	1804798
SAMN07153178	20153607	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	43	97923	315058	1767092
SAMN07153180	20153609	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	182108	226748	1805914
SAMN07153188	20153617	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	48	182009	214813	1803867
SAMN07153190	20153619	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	50	140783	212329	1763003
SAMN07153221	20154031	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	148398	226860	1805751
SAMN07153225	20154035	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	51	137467	226691	1809296
SAMN07153239	20154049	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	41	181350	226823	1805871
SAMN07153248	20154129	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	ermTR	42	131516	224317	1851399
SAMN07153249	20154130	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	38	148374	203956	1806101
SAMN07153251	20154132	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	37	164150	343325	1767622
SAMN07153258	20154140	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	ermTR	39	148652	326064	1815539
SAMN07153295	20154296	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	49	101678	201654	1807958
SAMN07153313	20154543	CT	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	mef, msrD	50	178612	343163	1813245
SAMN07153322	20154552	CT	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	49	148553	305137	1767777
SAMN07153379	20154677	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	50	132901	203776	1805794
SAMN07153382	20154681	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	46	177126	226770	1804251
SAMN07153388	20154790	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	49	148378	280310	1809603
SAMN07153391	20154793	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	38	182148	226529	1807493
SAMN07153396	20154798	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	182079	226844	1806258
SAMN07153398	20154800	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	48	82527	198869	1763382
SAMN07153406	20154809	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	47	148443	323793	1762010
SAMN07153408	20154811	CO	12	36	12	+	-	prtF2, sfb1	-	+	+	-	+	+	G,H,I,Z	1	-	45	148604	396867	1792588
SAMN07153434	20154966	NY	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	-	32	148411	478825	1767823
SAMN07153438	20154970	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	41	182655	226588	1812342
SAMN07153451	20155029	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	ermTR	35	148430	262512	1815042
SAMN07153458	20155036	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	40	125999	250626	1809368
SAMN07153477	20155056	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	46	108215	203706	1807572
SAMN07153480	20155059	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	ermTR	46	96114	224365	1853246
SAMN07153495	20155195	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	52	73250	201648	1807914
SAMN07153557	20155409	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	35	105788	212057	1772261
SAMN07153558	20155410	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	42	96147	396933	1769484
SAMN07153582	20155590	TN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	42	99918	396884	1767581
SAMN07153590	20155601	MD	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	40	163014	406190	1775380
SAMN07153600	20155611	MD	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	50	187441	406244	1817683

SAMN07153607	20155619	MD	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	40	183590	396822	1766616
SAMN07153626	20155638	MD	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	53	182510	229585	1803583
SAMN07153658	20156022	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	37	156062	383925	1811541
SAMN07153682	20156161	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	13	-	58	148096	203748	1806490
SAMN07153696	20156175	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	41	148475	420893	1772141
SAMN07153699	20156178	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	37	182106	226626	1804591
SAMN07153714	20156265	OR	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	38	140941	226810	1808396
SAMN07153725	20156323	GA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	40	85698	396929	1768445
SAMN07153738	20156391	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	49	178773	217308	1800011
SAMN07153745	20156398	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	162396	226872	1805033
SAMN07153772	20156428	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	53	112752	212038	1808385
SAMN07153779	20156435	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	51	149345	214862	1806529
SAMN07153802	20156458	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	45	178868	214867	1806372
SAMN07153815	20156628	TN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	41	182080	226838	1806198
SAMN07153827	20156640	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	37	116513	396791	1770853
SAMN07153830	20156705	CT	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	mef, msrD	35	183504	475982	1817401
SAMN07153847	20156724	CT	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	59	163002	343601	1775275
SAMN07153852	20156729	CT	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	43	181627	222982	1805193
SAMN07153876	20160002	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	53	132316	267999	1764547
SAMN07153894	20160021	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	48	182072	394140	1812310
SAMN07153912	20160041	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	C,G,H,I,Z	1	-	37	163070	226842	1769929
SAMN07153914	20160043	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	parC-S6F	43	109279	221023	1808454
SAMN07153915	20160134	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	44	182048	226793	1805032
SAMN07153923	20160142	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	38	149427	226837	1806691
SAMN07153926	20160145	NM	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	45	86051	212786	1806099
SAMN07153957	20160314	MN	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	44	148597	406232	1780651
SAMN07153971	20160328	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	ermTR	33	122665	359805	1813371
SAMN07153998	20160502	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	39	182080	226739	1806384
SAMN07154000	20160746	MD	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	43	122709	343396	1813186
SAMN07154020	20160930	TN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	37	153838	204028	1811271
SAMN07154029	20160943	CT	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	mef, msrD	41	132104	343675	1818978
SAMN07154053	20160977	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	36	182132	226790	1806258
SAMN07154070	20161028	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	37	148462	203911	1807617
SAMN07154074	20161068	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	47	182004	226728	1804595
SAMN07154078	20161072	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	46	163108	234909	1763127
SAMN07154118	20161233	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	35	148347	475626	1766829
SAMN07154126	20161241	NY	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	41	182345	226778	1805248
SAMN07154133	20161334	NM	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	40	182012	226793	1805009
SAMN07154165	20161449	MN	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	4	-	52	148239	203686	1803855
SAMN07154211	20161831	OR	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	78	76463	161177	1810005
SAMN07154219	20161839	OR	12	36	12	+	-	prtF2, sfb1	+	-	-	-	+	+	C,G,H,I,Z	1	-	38	163050	226815	1764849
SAMN07154270	20162137	CA	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	46	182064	226878	1811548
SAMN07154283	20162151	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	42	181254	229709	1809166
SAMN07154317	20162425	MN	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	-	91	131758	343573	1785502
SAMN07154358	20162658	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	37	122669	343619	1776601

SAMN07154399	20164210	NM	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	178	132197	343452	1794619
SAMN07154413	20164921	CO	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	42	122641	343335	1770926
SAMN07154420	20164928	CO	12	36	12	+	-	prtF2, sfb1	+	-	+	-	+	+	G,H,I,Z	1	-	55	162994	343607	1765957
SAMN07154423	20165278	CA	12	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,S,Z	1	ermB, tetM	57	99736	343497	1870512
SAMN07154426	20165975	TN	12	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	4	-	40	148387	226726	1810219
SAMN07152990	20152234	NY	12	846	12	+	-	prtF2, sfb1	+	+	-	+	+	+	G,H,I,Z	1	mef, msrD	59	70630	171443	1827841
SAMN07152989	20152233	NY	12	846	12	+	-	prtF2, sfb1	+	+	-	+	+	+	G,H,I,Z	1	mef, msrD	46	82144	218398	1823886
SAMN07153008	20152509	MN	12	908	12	+	-	prtF2, sfb1	+	+	-	+	+	+	G,H,I,Z	1	-	81	53611	125813	1775103
SAMN07153791	20156447	CA	12.32	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,Z	1	-	42	86620	235630	1766292
SAMN07153266	20154148	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	48	127481	384121	1807198
SAMN07153489	20155068	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	46	77381	330990	1806515
SAMN07153012	20152516	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	129	27305	97152	1823759
SAMN07153256	20154137	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	-	+	+	+	C,G,H,I,Z	1	-	37	148454	213923	1806877
SAMN07153286	20154168	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	34	183658	384055	1810535
SAMN07153422	20154946	OR	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	41	183615	384083	1806300
SAMN07153487	20155066	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,Z	1	-	34	183666	342318	1724448
SAMN07153688	20156167	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	39	183664	363930	1806293
SAMN07153695	20156174	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	38	131352	252995	1807441
SAMN07153698	20156177	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	37	148442	384123	1805969
SAMN07153707	20156186	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	1	-	38	183640	384091	1805997
SAMN07153932	20160176	GA	12.7	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	4	-	44	99726	203922	1808258
SAMN07153960	20160317	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	40	148446	384127	1808475
SAMN07153968	20160325	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	38	178333	384129	1807580
SAMN07154300	20162408	MN	12.7	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,Z	1	-	40	183276	342266	1732460
SAMN07153109	20153103	NY	12.75	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,S,Z	1	ermB, tetM	58	101425	226770	1916604
SAMN07153755	20156410	CA	12.75	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	G,H,I,S,Z	1	-	39	113583	362053	1806130
SAMN07154057	20160981	NY	12.75	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,S,Z	1	ermB, tetM	52	101533	226818	1918923
SAMN07154031	20160945	CT	12.8	36	12	+	-	prtF2, sfb1	+	+	+	-	+	+	C,G,H,I,Z	1	-	52	150263	226785	1807947
SAMN07153500	20155200	GA	12.9	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	ermTR	44	81557	219358	1819783
SAMN07153921	20160140	NM	12.91	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	G,H,I,Z	1	-	38	131802	343617	1765300
SAMN07154269	20162136	CA	15.1	872	3	+	enn, mrp	fbaA, prtF2, sfb1	+	-	-	-	-	-	A,C,G,Z	1	-	27	155402	434173	1721307
SAMN07153236	20154046	CA	18.12	535	3	+	enn, mrp	fbaA, prtF2, sfb1	+	-	-	-	-	-	A,G,K,Z	1	tetM	40	126122	287636	1827262
SAMN07153835	20156711	CT	18.7	42*	49	+	enn	prtF2	+	-	-	+	-	-	C,G,L,M,S,Z	1	folA-D14E	158	39245	142589	1923556
SAMN07153146	20153542	OR	22	46	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,K,S,Z	8	-	40	97513	204452	1767690
SAMN07153155	20153562	GA	22	46	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	A,G,S,Z	8	tetM	40	85627	204861	1842749
SAMN07153731	20156362	NM	22	46	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,S,Z	8	-	43	113487	204807	1829463
SAMN07154025	20160937	TN	22	46	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,S,Z	8	-	35	97390	203971	1748244
SAMN07154393	20163526	NM	22	46	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,S,Z	8	-	52	113435	204736	1796570
SAMN07154032	20160946	CT	24.8	70	-	+	-	fbaA, sfb1	+	+	-	-	-	-	A,G,K,Z	8	-	81	74839	218779	1916132
SAMN07153709	20156188	MN	25.1	192	-	+	mrp	fbaA, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	30	133172	232115	1875770
SAMN07154115	20161207	OR	25.1	192	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	30	163198	332451	1877876
SAMN07153603	20155615	MD	27	308	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	+	C,G,J,Z	8	-	60	100230	285701	1831918
SAMN07154378	20163031	TN	27	308	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	+	C,G,J,Z	8	ermB, tetM	81	96527	189468	1941450
SAMN07152969	20151646	GA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	-	25	228300	330309	1815868
SAMN07152999	20152302	OR	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	86	43133	101959	1834780

SAMN07153037	20152747	NM	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	31	146991	299257	1851476
SAMN07153107	20153100	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	53	85973	178084	1933513
SAMN07153110	20153104	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	26	207995	459435	1870429
SAMN07153114	20153108	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	G,J,Z	1	-	33	156086	243559	1848877
SAMN07153134	20153487	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	21	243508	544619	1864440
SAMN07153187	20153616	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	26	243588	459236	1826081
SAMN07153215	20154024	CA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	26	195974	330377	1827928
SAMN07153336	20154567	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	23	243416	503754	1824499
SAMN07153358	20154611	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	32	185738	459217	1865496
SAMN07153419	20154943	OR	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	29	243480	459436	1825585
SAMN07153431	20154963	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	22	189321	459223	1871291
SAMN07153437	20154969	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	24	210202	310884	1870674
SAMN07153462	20155040	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	24	208018	330199	1829821
SAMN07153466	20155044	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	24	224319	330233	1826098
SAMN07153485	20155064	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	33	103130	243592	1827064
SAMN07153494	20155194	GA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	51	63609	167555	1829302
SAMN07153520	20155361	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	33	180523	459487	1858013
SAMN07153526	20155367	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	parC-S6F	28	202619	272582	1828162
SAMN07153534	20155375	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	31	221709	459458	1826356
SAMN07153554	20155406	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	37	105913	222261	1869430
SAMN07153576	20155584	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	52	79910	449616	1904560
SAMN07153589	20155600	MD	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	56	243476	459481	1841208
SAMN07153723	20156320	GA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	A,G,J,Z	1	parC-S6F	29	195813	326787	1811355
SAMN07153753	20156407	CA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	30	110690	459445	1866827
SAMN07153754	20156408	CA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	34	146828	279543	1867594
SAMN07153905	20160033	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,Z	1	-	27	242990	500029	1826585
SAMN07153919	20160138	NM	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	A,G,J,Z	1	-	27	179567	281597	1891483
SAMN07153958	20160315	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	30	115520	256707	1831597
SAMN07153969	20160326	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	25	239385	459416	1831570
SAMN07154033	20160947	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	33	144777	447518	1847149
SAMN07154117	20161232	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	28	243584	500380	1868104
SAMN07154120	20161235	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	29	224584	327178	1867963
SAMN07154121	20161236	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	28	162864	330418	1867717
SAMN07154153	20161437	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	33	210016	330139	1824269
SAMN07154289	20162157	CA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	24	216308	279468	1835383
SAMN07154298	20162325	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	50	214126	503682	1873206
SAMN07154314	20162422	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	38	224467	295434	1830114
SAMN07154343	20162643	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	36	210252	330098	1830601
SAMN07154363	20162663	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,Z	1	-	38	115557	242962	1849377
SAMN07154386	20163040	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	32	199769	327079	1824983
SAMN07154388	20163068	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,Z	1	-	31	136592	314859	1808754
SAMN07154419	20164927	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	A,C,G,Z	1	-	55	163606	275488	1856700
SAMN07152966	20151537	GA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	37	168936	458698	1828695
SAMN07152996	20152282	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	30	189474	327327	1829431
SAMN07153013	20152517	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	79	53988	157191	1823774

SAMN07153018	20152522	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	33	115662	283093	1846395
SAMN07153075	20152974	OR	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	39	135966	328171	1833376
SAMN07153132	20153485	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	38	82460	280645	1828422
SAMN07153264	20154146	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	ermTR	26	243596	459004	1870027
SAMN07153265	20154147	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	25	243499	458456	1823074
SAMN07153325	20154555	CT	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	33	146110	458062	1827487
SAMN07153330	20154560	CT	28	52	28	-	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	A,G,H,I,J,Z	1	-	22	199884	458700	1856575
SAMN07153341	20154594	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	29	189149	295243	1825240
SAMN07153349	20154602	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	30	243706	458922	1825593
SAMN07153364	20154618	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	39	212096	292128	1828201
SAMN07153440	20155016	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	30	194403	459032	1859840
SAMN07153509	20155265	NM	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	A,G,J,K,Z	1	-	23	243556	458891	1858571
SAMN07153562	20155414	NY	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	31	113602	392054	1826296
SAMN07153620	20155632	MD	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	28	147058	458381	1824870
SAMN07153649	20155661	MD	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	30	243592	458433	1826072
SAMN07153684	20156163	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	29	243540	458971	1810505
SAMN07153702	20156181	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	37	115002	250618	1859652
SAMN07153782	20156438	CA	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	34	210289	280482	1825295
SAMN07153875	20160001	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	27	243478	503327	1824462
SAMN07153893	20160020	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,K,Z	1	-	32	230263	502951	1923161
SAMN07153903	20160030	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	35	243753	503321	1831686
SAMN07153970	20160327	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	27	243572	458980	1852866
SAMN07154063	20161021	NM	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	32	182036	458503	1877700
SAMN07154084	20161078	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	26	243482	458819	1826380
SAMN07154158	20161442	MN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	26	243504	458945	1811318
SAMN07154236	20161875	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	22	243532	503441	1824879
SAMN07154337	20162637	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	48	217137	503031	1830016
SAMN07154355	20162655	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	32	221601	503331	1831161
SAMN07154367	20162667	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	40	243424	458842	1828906
SAMN07154387	20163041	TN	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	32	243650	458843	1829594
SAMN07154412	20164920	CO	28	52	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	32	243546	458947	1830593
SAMN07154248	20162115	CA	28	456	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,J,K,Z	1	-	30	209964	494610	1932911
SAMN07154257	20162124	CA	28	456	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,J,K,Z	1	-	32	209892	494538	1932386
SAMN07153073	20152972	OR	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	22	224526	330331	1835842
SAMN07153152	20153559	GA	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	36	147297	426594	1864204
SAMN07153185	20153614	CO	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	48	65359	113125	1830231
SAMN07153866	20156790	MD	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	33	183534	339631	1849911
SAMN07153870	20156794	MD	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	30	202781	327315	1832173
SAMN07153889	20160016	CO	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,K,Z	1	-	24	150698	457057	1864672
SAMN07153933	20160177	GA	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	29	243580	459478	1835313
SAMN07153985	20160457	GA	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	34	144884	459488	1866280
SAMN07154005	20160751	MD	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	28	151861	459237	1844945
SAMN07154014	20160760	MD	28	458	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermTR	26	243560	509289	1871500
SAMN07152995	20152280	GA	28	845	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	74	63403	103481	1877009
SAMN07153082	20152981	OR	28	850	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J	1	-	36	103830	459017	1827086

SAMN07153420	20154944	OR	28	850	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	21	243455	503376	1828336
SAMN07153394	20154796	CO	28	859	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,K,Z	1	-	34	213852	503087	1902445
SAMN07153822	20156635	TN	28	859	28	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	31	243383	392274	1857192
SAMN07154010	20160756	MD	29.14	12	91	+	-	prtF2	+	-	-	+	-	-	-	G,L,M,Z	1	-	37	170743	287113	1805392
SAMN07154427	20170001	TN	33	3	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	G,J,L,M,S,Z	1	-	33	133132	336043	1837983
SAMN07153262	20154144	MN	41.2	579	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	C,G,L,M,Z	15	-	45	103857	235768	1795786
SAMN07154164	20161448	MN	41.2	579	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	C,G,L,M,Z	15	-	43	103813	235790	1793490
SAMN07154309	20162417	MN	41.2	579	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	C,G,L,M,Z	15	-	106	93723	254944	1787883
SAMN07154103	20161097	CO	42	80	3	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	G,H,I,Z	1	-	24	239982	532332	1745989
SAMN07152982	20152225	NY	44	25	5	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,J,S,Z	1	tetM	75	47956	111679	1872535
SAMN07153337	20154590	TN	44	25	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,J,S,Z	1	-	38	121827	240523	1845117
SAMN07154016	20160762	MD	44	25	5	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,J,S,Z	1	-	37	94625	233006	1836184
SAMN07153565	20155417	NY	44	641	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,H,J,K	1	tetM	33	182374	399963	1901292
SAMN07153237	20154047	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	29	113068	233445	1748367
SAMN07153238	20154048	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	31	103390	277506	1748235
SAMN07153511	20155267	NM	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G	1	-	29	134542	277340	1793838
SAMN07153757	20156413	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	31	163084	412462	1753035
SAMN07153789	20156445	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	28	177887	297325	1751746
SAMN07153793	20156449	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	33	131067	277097	1747624
SAMN07153829	20156643	NY	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G	1	-	35	163039	585425	1835174
SAMN07154180	20161541	GA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G	1	-	60	162899	367622	1839719
SAMN07154242	20162108	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	24	163072	586884	1747978
SAMN07154246	20162112	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	28	134403	475183	1745968
SAMN07154256	20162123	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	40	163004	574703	1749707
SAMN07154268	20162135	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	25	163072	352795	1757288
SAMN07154277	20162144	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	36	112944	475227	1751368
SAMN07154280	20162148	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	25	197742	277327	1756143
SAMN07154284	20162152	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	41	81386	275065	1754078
SAMN07154288	20162156	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	31	112928	412420	1753609
SAMN07154347	20162647	CO	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G	1	-	36	163063	720526	1841022
SAMN07154422	20165277	CA	49	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I	1	-	32	93372	412471	1748845
SAMN07153645	20155657	MD	49	862	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G,H	1	-	29	135477	216693	1780175
SAMN07154056	20160980	NY	49.1	29	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	A,G	1	-	28	163028	784581	1751442
SAMN07153448	20155025	MN	54.1	302	91	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	G,Z	1	-	26	177040	275012	1742742
SAMN07152977	20152179	GA	58	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,S,Z	1	ermTR, tetM, parC-D5N	34	140943	217705	1943745
SAMN07153539	20155380	CT	58	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,S,Z	1	ermTR, tetM, parC-D5N	16	252022	595622	1896107
SAMN07153664	20156103	NM	58	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,S,Z	1	ermTR, tetM, parC-D5N	19	183022	465036	1897151
SAMN07153849	20156726	CT	58	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,S,Z	1	ermTR, tetM, parC-D10G	25	219000	651198	1893742
SAMN07153202	20154011	CA	58.2	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,H,Z	1	-	17	219250	465179	1860754
SAMN07153728	20156359	NM	58.2	176	58	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,H,Z	1	-	17	252425	434642	1812762
SAMN07153054	20152764	NM	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	25	187910	324378	1760488
SAMN07153279	20154161	MN	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,K,Z	1	-	56	176474	402938	1753392
SAMN07153346	20154599	TN	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	184201	283253	1722860
SAMN07153428	20154952	OR	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	36	187877	324329	1766822
SAMN07153666	20156105	NM	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	27	198439	413162	1758720

SAMN07153672	20156111	NM	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	23	187970	324334	1758500
SAMN07153715	20156266	OR	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	27	187916	324405	1760877
SAMN07153999	20160503	NM	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	31	177131	248269	1762073
SAMN07154208	20161828	OR	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	65	60560	191013	1764375
SAMN07154395	20163528	NM	59	172	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	37	137059	291111	1763423
SAMN07153660	20156099	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	gyrA-Y5C	35	114761	283238	1718637
SAMN07153030	20152739	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	31	152224	197038	1724827
SAMN07153036	20152746	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	26	150702	283301	1723826
SAMN07153045	20152755	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	189130	283177	1722307
SAMN07153049	20152759	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	177097	283297	1724238
SAMN07153050	20152760	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	197719	412074	1722588
SAMN07153051	20152761	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	177149	283269	1728815
SAMN07153052	20152762	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J	1	-	28	133898	283313	1724450
SAMN07153053	20152763	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	184249	282336	1723045
SAMN07153055	20152765	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	32	137140	196840	1725179
SAMN07153056	20152766	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	177176	197729	1725167
SAMN07153158	20153573	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	30	118583	283309	1718722
SAMN07153159	20153574	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	177053	283297	1721057
SAMN07153162	20153577	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	177045	257699	1717342
SAMN07153288	20154289	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	177166	283306	1718722
SAMN07153292	20154293	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	177079	283309	1724047
SAMN07153378	20154676	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	184193	283245	1717386
SAMN07153916	20160135	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	187905	283225	1715873
SAMN07153917	20160136	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	177087	283273	1718061
SAMN07153925	20160144	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	31	176920	283289	1719021
SAMN07154293	20162271	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	197561	412023	1721870
SAMN07154297	20162278	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	81	147539	283165	1738800
SAMN07154394	20163527	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	29	189198	283245	1722124
SAMN07154396	20163529	NM	59	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	27	184209	283261	1723197
SAMN07153040	20152750	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	177234	283312	1724400
SAMN07153043	20152753	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	29	137132	283313	1724925
SAMN07153046	20152756	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	26	184265	283317	1724016
SAMN07153287	20154288	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	177087	283289	1718023
SAMN07153296	20154297	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	57	48763	146845	1722541
SAMN07153297	20154298	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	189416	283156	1721708
SAMN07153512	20155268	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	19	197699	411786	1722030
SAMN07153669	20156108	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	27	189150	283197	1718289
SAMN07153986	20160490	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	177146	283281	1714811
SAMN07153994	20160498	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	177180	283265	1718197
SAMN07154067	20161025	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	30	197587	413146	1722402
SAMN07154068	20161026	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	23	184113	411988	1722498
SAMN07154127	20161327	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	23	177049	283265	1717920
SAMN07154129	20161330	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	24	189186	283233	1717746
SAMN07154130	20161331	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	25	184205	283257	1718089
SAMN07154296	20162274	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	189146	283193	1723865

SAMN07154326	20162596	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	28	184157	283209	1723691
SAMN07154391	20163512	NM	59.2	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	33	135554	283217	1722218
SAMN07153032	20152741	NM	59.3	864	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	-	39	138220	190840	1738594
SAMN07153218	20154028	CA	60.2	53	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	-	1	tetM	31	125380	211705	1833004
SAMN07154212	20161832	OR	60.2	53	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,Z	1	tetM	130	32590	87672	1853149
SAMN07154239	20162105	CA	60.2	53	-	+	enn	fbaA, sfb1, sof	+	-	-	-	-	-	+	-	1	tetM	20	326609	687872	1835165
SAMN07154272	20162139	CA	60.2	53	-	+	enn	fbaA, sfb1, sof	+	-	-	-	-	-	+	-	1	tetM	24	243189	687937	1836431
SAMN07154287	20162155	CA	60.2	53	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	-	1	tetM	24	243153	687901	1835591
SAMN07153901	20160028	CO	63	210	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,Z	1	tetM	22	243697	777360	1770988
SAMN07153690	20156169	MN	63.3	385	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	Z	1	-	44	175204	276643	1775797
SAMN07154196	20161730	MD	63.3	385	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	Z	1	-	60	61376	166574	1782000
SAMN07154197	20161731	MD	63.3	385	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	Z	1	-	57	86037	200823	1787285
SAMN07154201	20161737	CT	63.3	385	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	Z	1	-	66	85961	194827	1776189
SAMN07154202	20161738	CT	63.3	385	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	Z	1	-	44	144109	339755	1777701
SAMN07154191	20161725	MD	68.1	247	89	+	mrp	prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	tetM	25	116915	339358	1808426
SAMN07153722	20156319	GA	68.3	247	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,L,M,Z	1	tetM	29	183526	266070	1898689
SAMN07153853	20156730	CT	68.3	247	89	+	enn, mrp	prtF2, sfb1, sof	+	-	-	-	-	-	+	C,G,J,L,M,Z	1	tetM	31	183494	316719	1854125
SAMN07153975	20160332	MN	68.4	894	12	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	25	183855	347642	1841350
SAMN07154146	20161430	MN	68.4	894	12	+	enn, mrp	prtF2, R28, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	-	30	169984	390573	1839417
SAMN07153198	20154005	CA	73	331	13	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,H,I,Z	9	ermB	36	131850	320610	1901017
SAMN07153810	20156622	TN	73	331	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	-	-	G,H,I,Z	9	ermB, tetM	47	102299	206960	1942465
SAMN07154037	20160951	CT	73	331	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	-	-	C,G,H,I,Z	9	ermB, tetM	74	115102	326584	1975921
SAMN07154062	20160989	GA	73	331	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I	9	-	51	183156	274078	1857207
SAMN07154237	20162060	GA	73	331	13	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,H,I,Z	9	-	19	277299	374711	1779799
SAMN07152970	20151647	GA	75	49	25	+	enn, mrp	fbaA, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	7	-	81	49340	144529	1774667
SAMN07153097	20153089	TN	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	10	-	25	198254	352033	1734607
SAMN07153310	20154384	OR	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	mef, msrD	41	147277	201849	1783272
SAMN07153361	20154615	TN	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	1	mef, gyrA-S11F, msrD	23	181913	352551	1774974
SAMN07153598	20155609	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	27	234871	372879	1734775
SAMN07153605	20155617	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	27	235072	353466	1734919
SAMN07153621	20155633	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	27	182417	352315	1735496
SAMN07153873	20156797	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	42	164734	220128	1735238
SAMN07153882	20160008	CO	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	10	-	22	193234	351104	1734948
SAMN07154006	20160752	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	28	188126	503770	1737998
SAMN07154008	20160754	MD	75	49	25	+	enn, mrp	fbaA, sof	+	-	-	-	-	-	+	C,G,H,L,M,Z	1	-	25	212825	503787	1737116
SAMN07154009	20160755	MD	75	49	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	10	-	24	198075	352145	1731349
SAMN07153061	20152790	GA	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	C,G,L,M,Z	1	-	31	105369	292512	1873386
SAMN07153141	20153537	OR	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	G,K,L,M,Z	1	-	24	181908	356280	1824851
SAMN07153373	20154628	GA	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	C,G,L,M,Z	1	-	34	109979	287424	1871900
SAMN07153580	20155588	TN	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	G,L,M,Z	1	-	31	127244	394526	1825507
SAMN07153720	20156271	OR	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	G,K,L,M,Z	1	-	17	245006	466444	1829882
SAMN07153724	20156321	GA	75	150	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	+	-	+	C,G,K,L,M,Z	1	parC-S6F	27	149697	287361	1847680
SAMN07153116	20153110	NY	75	851	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	1	-	34	205916	317531	1767621
SAMN07153581	20155589	TN	75	861	25	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,H,I,L,M,Z	7	mef, msrD	54	61562	154796	1781115
SAMN07152998	20152300	OR	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	101	38203	133920	1852297

SAMN07153115	20153109	NY	76	50	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	G,H,I	1	ermB, tetM	47	129119	287679	1870736
SAMN07153220	20154030	CA	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	39	190381	299922	1836318
SAMN07153507	20155209	GA	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	49	87181	174775	1924644
SAMN07153627	20155639	MD	76	50	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	G,H,I,Z	1	ermB, tetM	37	110955	243857	1866082
SAMN07153668	20156107	NM	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	26	283903	428894	1838673
SAMN07153713	20156264	OR	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	28	224622	432387	1840060
SAMN07153717	20156268	OR	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	C,G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	37	165617	428904	1920923
SAMN07153867	20156791	MD	76	50	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	G,H,I,Z	4	ermB, tetM	55	191400	238924	1875348
SAMN07153879	20160005	CO	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	35	230077	428308	1880391
SAMN07153938	20160183	GA	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	39	133575	329975	1931155
SAMN07154045	20160959	OR	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	29	227133	428984	1839349
SAMN07154085	20161079	CO	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	29	283952	428956	1882995
SAMN07154353	20162653	CO	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	37	160935	428976	1889090
SAMN07154404	20164912	CO	76	50	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	G,H,I,Z	1	ermB, tetM	49	109732	243770	1871905
SAMN07154417	20164925	CO	76	50	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	tetM, ant6-Ia, aph3-III, sat4A	31	227176	428936	1884600
SAMN07153307	20154381	OR	76.4	631	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,H,K,Z	1	-	59	68938	248464	1808643
SAMN07154334	20162634	CO	76.4	631	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	+	G,H,K,Z	1	-	41	117736	248392	1808868
SAMN07153269	20154151	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	Z	1	tetO	38	133767	230301	1889700
SAMN07153009	20152512	MN	77	63	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	-	-	A,Z	1	-	92	34227	82760	1835470
SAMN07153390	20154792	CO	77	63	13	+	mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	-	1	tetO	35	169652	266024	1898131
SAMN07153442	20155018	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	22	306122	466265	1906728
SAMN07153452	20155030	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	35	269289	778607	1903845
SAMN07153457	20155035	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	Z	1	tetO	32	204047	277631	1867965
SAMN07153486	20155065	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	44	87984	179057	1910337
SAMN07153628	20155640	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,Z	1	tetO	28	270075	778817	1865873
SAMN07153629	20155641	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,Z	1	tetO	28	180735	397252	1867010
SAMN07153685	20156164	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	Z	1	tetO	23	269579	772798	1903584
SAMN07153692	20156171	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	Z	1	tetO	29	119444	266011	1865319
SAMN07153735	20156388	CA	77	63	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	Z	1	-	18	180237	353796	1758323
SAMN07153749	20156402	CA	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	K,Z	1	tetO	45	134284	278673	1868656
SAMN07153940	20160245	OR	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	41	110220	225356	1937232
SAMN07154082	20161076	CO	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	27	200421	312714	1931893
SAMN07154088	20161082	CO	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	-	-	C,Z	1	tetO	19	305819	466270	1895810
SAMN07154320	20162428	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	+	-	-	-	-	-	C,Z	1	tetO	24	241185	778858	1910798
SAMN07153235	20154045	CA	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	23	168719	466277	1933132
SAMN07153328	20154558	CT	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	74	86762	200411	1900749
SAMN07153516	20155357	CT	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	Z	1	ermTR, tetO	36	230715	466256	1895140
SAMN07153570	20155578	TN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	37	130174	464981	1937106
SAMN07153640	20155652	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	46	87910	212404	1977471
SAMN07153655	20156017	GA	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	26	133016	466250	1907936
SAMN07153667	20156106	NM	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	26	180774	483662	1898536
SAMN07153812	20156624	TN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	30	163196	466263	1899354
SAMN07153868	20156792	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	58	163109	466124	1984968
SAMN07153898	20160025	CO	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	23	200454	283493	1904071
SAMN07153927	20160171	GA	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	K,Z	1	ermTR, tetO	46	87687	254082	1906486

SAMN07153965	20160322	MN	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	28	168339	466250	1935981
SAMN07154004	20160750	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	38	163229	466294	1974297
SAMN07154113	20161205	OR	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	47	119284	466238	1967021
SAMN07154187	20161721	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	121	39506	100138	1984951
SAMN07154190	20161724	MD	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	46	82351	208063	1978207
SAMN07154218	20161838	OR	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	95	58847	227581	1974414
SAMN07154254	20162121	CA	77	63	13	+	enn, mrp	fbaA, prtF2, R28, sfb1, sof	+	-	-	-	-	+	+	L,M,Z	1	ermTR, tetO	31	168765	503635	1974542
SAMN07153145	20153541	OR	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT, tetM	38	121859	243709	1746642
SAMN07153148	20153553	GA	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT, tetM	50	64367	200068	1756808
SAMN07153359	20154612	TN	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT, tetM	36	125728	230756	1757678
SAMN07153652	20156012	GA	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT, tetM	38	125644	243633	1749212
SAMN07153726	20156324	GA	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT, tetM	45	76973	243733	1759383
SAMN07153733	20156364	NM	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	C,G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	48	116425	188105	1971408
SAMN07153786	20156442	CA	77	399	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,K,L,Z	1	tetM	31	117796	260654	1764621
SAMN07153820	20156633	TN	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,I,Z	1	ermB, tetM, aph3-III, sat4A	30	123945	337125	1942713
SAMN07154081	20161075	CO	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	ermT	37	126792	243689	1735952
SAMN07154123	20161238	NY	77	399	-	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,Z	1	tetM	34	149347	229802	1835227
SAMN07154188	20161722	MD	77	399	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+	G,J,L,M,Z	1	ermT, tetM	93	54057	166541	1809550
SAMN07154039	20160953	CT	77	904	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,Z	1	tetM	22	216219	463337	1759685
SAMN07153571	20155579	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	28	156500	245792	1786145
SAMN07153572	20155580	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	31	118844	230876	1781464
SAMN07153577	20155585	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	34	178621	245744	1780935
SAMN07154225	20161863	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	24	178994	309027	1780204
SAMN07154226	20161864	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	25	181389	309019	1780497
SAMN07154233	20161872	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM	28	243078	390581	1775634
SAMN07154424	20165973	TN	77.4	133	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,M,Z	1	tetM, parC-D10G	44	173307	243078	1785783
SAMN07154324	20162594	NM	80.1	8	-	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-	A,G,K,Z	1	-	26	150127	264813	1822479
SAMN07153144	20153540	OR	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	+	-	-	-	+	+	G,H,I	8	-	56	67560	173170	1847460
SAMN07153212	20154021	CA	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	36	115005	207721	1820033
SAMN07153380	20154679	NM	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	57	94828	207949	1876545
SAMN07153403	20154805	CO	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	62	86178	176808	1798543
SAMN07153497	20155197	GA	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	50	148752	207549	1763283
SAMN07153641	20155653	MD	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	49	94864	176519	1800233
SAMN07153833	20156708	CT	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	34	121169	207713	1819732
SAMN07153850	20156727	CT	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	42	99606	207677	1825101
SAMN07153997	20160501	NM	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	47	94849	207937	1798894
SAMN07154069	20161027	NM	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	43	94859	207700	1767146
SAMN07154107	20161199	OR	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	36	115001	207968	1807264
SAMN07154157	20161441	MN	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	C,G,H,L,M	8	-	54	103170	208184	1891120
SAMN07154209	20161829	OR	81	624	89	+	mrp	fbaA, prtF2, sof	+	+	-	-	-	+	+	G,H,J	8	-	159	28260	92165	1783630
SAMN07154397	20163531	NM	81	624	89	+	enn, mrp	fbaA, prtF2, sof	+	+	-	-	-	+	+	G,H	8	-	72	63757	207609	1837936
SAMN07153084	20152992	CT	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	47	81196	207941	1807448
SAMN07153071	20152839	GA	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	38	94869	207940	1813784
SAMN07153515	20155356	CT	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	36	114949	207917	1805714
SAMN07153540	20155381	CT	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	35	103184	207929	1812818

SAMN07153675	20156154	NY	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	32	114957	221606	1806979
SAMN07153774	20156430	CA	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	41	114893	221541	1806402
SAMN07154224	20161862	TN	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	39	119895	207913	1762466
SAMN07154271	20162138	CA	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H,L,M	8	-	103	87862	207349	1802201
SAMN07154311	20162419	MN	81	837	89	+	mrp	fbaA, prtF2, sof	+	-	-	-	-	+	+	G,H	8	-	38	125137	207905	1810617
SAMN07154315	20162423	MN	81	909	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H	8	-	63	113975	213386	1868327
SAMN07154251	20162118	CA	81.1	903	6	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	G,J,Z	1	-	37	162062	869483	1796864
SAMN07154080	20161074	CO	81.2	901	81	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,Z	1	-	26	202211	315672	1823910
SAMN07153241	20154051	CA	82	36	12	+	mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	-	+	+	A,C,G,H,I,Z	1	-	51	148351	223783	1903311
SAMN07153662	20156101	NM	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	49	78054	183738	1797889
SAMN07154259	20162126	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I	1	-	49	109455	198903	1855571
SAMN07154279	20162147	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	38	151123	237797	1796708
SAMN07154379	20163032	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	44	80802	177141	1795496
SAMN07154380	20163033	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	52	80844	190171	1797096
SAMN07153028	20152736	NM	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	37	119673	235774	1802464
SAMN07153167	20153582	NM	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	222954	237828	1795856
SAMN07153171	20153599	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	40	97061	237801	1798538
SAMN07153174	20153603	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	39	101859	235806	1798106
SAMN07153179	20153608	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	151450	237848	1795123
SAMN07153189	20153618	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	122858	235778	1796057
SAMN07153199	20154006	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	151139	238034	1796681
SAMN07153204	20154013	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	31	160161	232592	1795731
SAMN07153210	20154019	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	148624	238130	1796690
SAMN07153213	20154022	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	122853	236332	1797609
SAMN07153214	20154023	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	37	132855	238094	1797558
SAMN07153219	20154029	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	151119	235396	1796910
SAMN07153222	20154032	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	88227	237896	1797991
SAMN07153227	20154037	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	37	151137	236296	1798745
SAMN07153229	20154039	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	parC-D10N	35	163140	240961	1796627
SAMN07153230	20154040	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	38	151074	238048	1796121
SAMN07153231	20154041	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	42	151090	238026	1799279
SAMN07153240	20154050	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	40	222790	240358	1792623
SAMN07153293	20154294	NM	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	137110	238189	1794663
SAMN07153311	20154385	OR	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	41	163046	240728	1795339
SAMN07153340	20154593	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	35	125640	238184	1795923
SAMN07153355	20154608	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	29	132526	237618	1795642
SAMN07153356	20154609	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	222974	238298	1797281
SAMN07153384	20154786	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	44	151360	240940	1797537
SAMN07153392	20154794	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	151109	235364	1795685
SAMN07153400	20154802	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	39	154082	235224	1794065
SAMN07153411	20154815	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	38	112324	232728	1798343
SAMN07153412	20154816	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	112395	232685	1797184
SAMN07153413	20154817	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	132405	238056	1796432
SAMN07153418	20154822	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	151154	238158	1795416
SAMN07153575	20155583	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	47	73526	223058	1798819

SAMN07153584	20155592	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,L,M,Z	1	-	49	122858	238130	1871392
SAMN07153665	20156104	NM	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	151394	240967	1795215
SAMN07153679	20156158	NY	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	35	151448	238175	1793153
SAMN07153716	20156267	OR	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	151113	238178	1797710
SAMN07153734	20156387	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	42	222834	238473	1795505
SAMN07153739	20156392	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	207486	234408	1796815
SAMN07153746	20156399	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	151093	235686	1797039
SAMN07153752	20156406	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	151120	238242	1795927
SAMN07153766	20156422	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	151145	235757	1796216
SAMN07153773	20156429	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	ermTR	41	163050	240737	1878465
SAMN07153775	20156431	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	38	163106	240754	1797171
SAMN07153780	20156436	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	68	58409	188289	1859361
SAMN07153784	20156440	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	40	130005	232924	1795124
SAMN07153794	20156450	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	37	150985	240342	1791138
SAMN07153798	20156454	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	151123	241013	1794705
SAMN07153799	20156455	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	29	223010	241007	1796800
SAMN07153800	20156456	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	222922	240904	1842488
SAMN07153813	20156625	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	36	122846	235766	1797816
SAMN07153818	20156631	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	68	136746	240131	1791051
SAMN07153874	20156798	MD	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	tetM	39	162993	240354	1811353
SAMN07153884	20160011	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	32	220515	238182	1798094
SAMN07153891	20160018	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	168	163014	240556	1824211
SAMN07153897	20160024	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	222934	240945	1801564
SAMN07153900	20160027	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	42	222866	240591	1800821
SAMN07153906	20160034	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	29	151558	241080	1801700
SAMN07153907	20160035	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	151457	238401	1802385
SAMN07153908	20160036	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	163214	235396	1802011
SAMN07153910	20160038	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	33	151465	238289	1802790
SAMN07153911	20160040	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	29	222994	241022	1801470
SAMN07153913	20160042	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	151103	240981	1801387
SAMN07154017	20160927	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	31	151453	238243	1797147
SAMN07154023	20160934	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	32	151187	241102	1796298
SAMN07154026	20160939	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	31	151452	237880	1796403
SAMN07154072	20161066	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	G,H,I,Z	1	-	36	151431	238096	1762265
SAMN07154075	20161069	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	46	137066	240874	1795452
SAMN07154086	20161080	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	tetM	45	163106	322247	1884759
SAMN07154095	20161089	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	151364	238111	1795967
SAMN07154098	20161092	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	35	151406	240993	1796244
SAMN07154228	20161867	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	29	216701	235328	1794815
SAMN07154229	20161868	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	32	163154	240994	1795629
SAMN07154230	20161869	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	30	216319	241000	1795892
SAMN07154231	20161870	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	35	122750	235312	1796244
SAMN07154234	20161873	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	32	222938	238072	1795486
SAMN07154240	20162106	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	34	131937	235662	1796934
SAMN07154241	20162107	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-	C,G,H,I,Z	1	-	45	125881	223986	1795221

SAMN07154245	20162111	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	53	86268	236186	1837374
SAMN07154266	20162133	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	27	222986	238356	1800307
SAMN07154304	20162412	MN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	158	85324	237553	1821659
SAMN07154306	20162414	MN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	41	123760	240813	1798313
SAMN07154331	20162631	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	37	162994	240349	1797462
SAMN07154339	20162639	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	ant6-Ia, aph3-III, sat4A	34	163126	235308	1889273
SAMN07154345	20162645	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	tetM	39	163114	282824	1892371
SAMN07154350	20162650	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	39	222878	240451	1800494
SAMN07154356	20162656	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	86	162970	240325	1806718
SAMN07154368	20162668	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	31	137098	235352	1794650
SAMN07154411	20164919	CO	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		C,G,H,I,Z	1	-	43	101208	235071	1791517
SAMN07154425	20165974	TN	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		G,H,I,Z	1	-	303	45752	103287	1811167
SAMN07153781	20156437	CA	82	334	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	+	-	-		C,G,H,I,Z	1	-	154	163055	235630	1827621
SAMN07153074	20152973	OR	82	866	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		G,H,I,Z	1	-	36	163575	237984	1769175
SAMN07153719	20156270	OR	82	866	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		G,H,I,Z	1	-	37	188081	238201	1762626
SAMN07153941	20160246	OR	82	866	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		G,H,I,Z	1	-	33	151104	238004	1762244
SAMN07154111	20161203	OR	82	866	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	-		G,H,I,Z	1	-	34	141260	235615	1763061
SAMN07154122	20161237	NY	82	896	5	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+		G,H,I,Z	1	ermB, tetM, cat, ant6-Ia, aph3-III, sat4A	44	82189	246039	1850060
SAMN07154407	20164915	CO	82.7	36	12	+	mrp	fbaA, prtF2, sfb1, sof	+	+	-	-	+	+			A,C,G,H,I,Z	1	mef, msrD	60	131345	220546	1893906
SAMN07153233	20154043	CA	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K, Z	2	-	23	184970	241798	1676709
SAMN07153271	20154153	MN	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K,Z	2	-	20	203340	240953	1676073
SAMN07153439	20155015	MN	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K,Z	2	-	21	203435	240986	1676275
SAMN07153748	20156401	CA	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K,Z	2	-	16	205002	270625	1675704
SAMN07153967	20160324	MN	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K,Z	2	-	18	203431	240944	1676466
SAMN07154159	20161443	MN	83.1	5	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,K,Z	2	-	15	203405	270593	1685420
SAMN07154215	20161835	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	31	145837	244798	1735439
SAMN07153004	20152307	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	72	55065	170360	1745134
SAMN07153135	20153531	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,Z	2	ermTR, tetM, aph3-III, sat4A	14	204973	306123	1710870
SAMN07153139	20153535	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	22	171856	240973	1735719
SAMN07153425	20154949	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	19	240060	328644	1739425
SAMN07153545	20155386	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	24	203575	290835	1741888
SAMN07153803	20156592	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	23	203183	250290	1734558
SAMN07154109	20161201	OR	83.1	853	83	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	-		G,L,M,Z	2	ermTR, tetM, aph3-III, sat4A	20	170030	328727	1741212
SAMN07153076	20152975	OR	85	849	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	+		G,H,I,J,Z	1	-	40	88377	295075	1782570
SAMN07153039	20152749	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		G,J,S,Z	1	-	44	89314	163163	1851310
SAMN07153176	20153605	CO	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		G,J,S,Z	1	-	57	73775	151320	1851219
SAMN07153291	20154292	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	1	-	55	76789	250165	1878729
SAMN07153502	20155202	GA	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,S,Z	1	-	89	40788	89416	1880631
SAMN07153513	20155269	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	1	-	51	77461	230701	1884127
SAMN07153552	20155393	OR	87	62	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		G,J,S,Z	1	-	41	107543	204959	1843835
SAMN07153591	20155602	MD	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	1	-	52	77464	262772	1879970
SAMN07153646	20155658	MD	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	1	-	54	82310	262783	1879123
SAMN07153673	20156112	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	1	-	54	77455	163119	1879950
SAMN07153743	20156396	CA	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		C,G,J,S,Z	28	-	55	76394	152196	1876828
SAMN07153756	20156412	CA	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+		G,J,S,Z	1	-	49	82249	163139	1845682

SAMN07153858	20156782	MD	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	71	71365	163131	1917762
SAMN07153922	20160141	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	68	70105	163160	1881023
SAMN07153991	20160495	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	56	82484	230531	1880552
SAMN07153995	20160499	NM	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	50	82461	230467	1878695
SAMN07154001	20160747	MD	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	49	89259	275608	1830802
SAMN07154051	20160975	NY	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	58	76773	163111	1876850
SAMN07154059	20160986	GA	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,K,S,Z	1	-	71	77449	230729	1903330
SAMN07154094	20161088	CO	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	52	77461	174205	1878593
SAMN07154152	20161436	MN	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	56	107324	264637	1876864
SAMN07154301	20162409	MN	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	58	107842	239693	1879248
SAMN07154312	20162420	MN	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	56	82441	230483	1883397
SAMN07154318	20162426	MN	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	G,J,S,Z	1	-	38	138134	183385	1845893
SAMN07154348	20162648	CO	87	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	58	82493	222774	1887499
SAMN07154302	20162410	MN	87	890	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,J,S,Z	1	-	53	82353	262721	1883582
SAMN07154338	20162638	CO	87.3	62	28	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	+	C,G,S,Z	1	-	82	89126	240451	1876820
SAMN07154028	20160942	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	30	111937	243572	1720925
SAMN07154384	20163037	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	27	117203	243795	1721041
SAMN07152987	20152231	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	40	87171	298691	1723998
SAMN07152997	20152283	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G,Z	3	-	63	42347	115647	1697713
SAMN07153006	20152310	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G	3	-	65	41634	106543	1695359
SAMN07153007	20152311	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	60	68995	138850	1727077
SAMN07153021	20152525	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	24	156512	695131	1763157
SAMN07153026	20152732	NM	89	101	89	-	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	28	156504	412376	1723845
SAMN07153038	20152748	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G,Z	3	-	42	77309	386218	1724735
SAMN07153041	20152751	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	29	155873	412437	1722672
SAMN07153042	20152752	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	33	86761	412526	1725918
SAMN07153062	20152791	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	26	155993	412457	1723454
SAMN07153063	20152792	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G,Z	3	parC-D10N	30	163137	386060	1796169
SAMN07153067	20152796	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	27	140243	412232	1723114
SAMN07153068	20152835	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	parC-D10N	29	156742	344246	1771687
SAMN07153079	20152978	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	ermTR	29	144965	298671	1801059
SAMN07153089	20153042	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	28	155973	412469	1717672
SAMN07153106	20153099	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	35	113942	239407	1718364
SAMN07153124	20153149	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	25	127753	284912	1718391
SAMN07153125	20153435	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G,Z	3	parC-D10N	28	156135	386063	1692602
SAMN07153131	20153484	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	G,Z	3	-	25	156241	329132	1691422
SAMN07153160	20153575	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	31	155949	364336	1719069
SAMN07153161	20153576	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	32	155953	412372	1719750
SAMN07153163	20153578	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	28	156520	355575	1718718
SAMN07153175	20153604	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	ermTR	31	116205	412602	1735053
SAMN07153207	20154016	CA	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	25	156232	412479	1709457
SAMN07153208	20154017	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	29	156473	412480	1718139
SAMN07153209	20154018	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	27	155965	412422	1716965
SAMN07153211	20154020	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	29	150009	412498	1743929
SAMN07153217	20154026	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	-	+	+	C,G,Z	3	-	22	156386	412524	1721508

SAMN07153255	20154136	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	25	163025	629976	1689754
SAMN07153259	20154141	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	24	156277	386046	1690346
SAMN07153270	20154152	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	26	155727	412452	1716778
SAMN07153280	20154162	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	30	155558	629908	1688305
SAMN07153289	20154290	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	156499	411443	1757262
SAMN07153290	20154291	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	155861	412445	1716459
SAMN07153298	20154299	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	39	80749	312897	1687356
SAMN07153318	20154548	CT	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	34	156165	412004	1722578
SAMN07153319	20154549	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	36	103904	202026	1720718
SAMN07153342	20154595	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	155762	450967	1760880
SAMN07153343	20154596	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	34	116218	412698	1718313
SAMN07153345	20154598	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G	3	-	25	155909	355483	1716640
SAMN07153351	20154604	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	23	155815	385752	1695447
SAMN07153360	20154614	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	22	163085	412473	1764348
SAMN07153368	20154622	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	24	155913	386025	1695100
SAMN07153372	20154627	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	parC-D10N	35	76324	189857	1719844
SAMN07153381	20154680	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	27	114341	298119	1717354
SAMN07153415	20154819	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	29	109564	280037	1719808
SAMN07153416	20154820	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	30	114660	271895	1692682
SAMN07153426	20154950	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	44	115766	649084	1714882
SAMN07153429	20154953	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	30	155767	412592	1713756
SAMN07153441	20155017	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	22	163001	412409	1716165
SAMN07153443	20155019	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	124	156261	386081	1739417
SAMN07153444	20155020	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	41	162801	629779	1686940
SAMN07153447	20155024	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	23	156512	386145	1691160
SAMN07153450	20155027	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	153671	451381	1757863
SAMN07153461	20155039	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	21	156290	412410	1721886
SAMN07153483	20155062	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	30	140469	412425	1718025
SAMN07153492	20155071	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G	3	-	33	109670	412461	1718697
SAMN07153501	20155201	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	ermTR, parC-D10N	57	63124	163173	1781486
SAMN07153510	20155266	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	149940	412708	1743928
SAMN07153518	20155359	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	27	156217	386126	1688732
SAMN07153533	20155374	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	25	155840	386028	1689843
SAMN07153535	20155376	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	155977	364186	1722491
SAMN07153547	20155388	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	22	156310	656440	1716210
SAMN07153551	20155392	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	33	156229	325172	1754633
SAMN07153561	20155413	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,K,Z	3	-	37	101424	250901	1746256
SAMN07153568	20155576	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,K,Z	3	-	35	80155	247457	1843320
SAMN07153586	20155596	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	28	155877	412434	1717169
SAMN07153599	20155610	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	tetM	23	163118	426491	1818292
SAMN07153601	20155612	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	26	156291	386076	1692651
SAMN07153625	20155637	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	30	144070	243890	1762573
SAMN07153639	20155651	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	33	144006	244101	1815748
SAMN07153659	20156098	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	62	64912	143846	1714875
SAMN07153674	20156113	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	156453	243892	1718535

SAMN07153676	20156155	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,K,Z	3	-	28	121396	243935	1745933
SAMN07153681	20156160	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	26	156355	412405	1717349
SAMN07153708	20156187	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	27	114050	272111	1689927
SAMN07153710	20156189	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	23	156758	386111	1692137
SAMN07153711	20156190	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	23	155742	386072	1689054
SAMN07153730	20156361	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	ermTR, tetM	26	163125	412411	1826241
SAMN07153732	20156363	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	32	104871	298318	1720544
SAMN07153767	20156423	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	ermT	27	156242	386036	1697193
SAMN07153769	20156425	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	29	156116	386038	1691598
SAMN07153778	20156434	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	+	+	C,G,Z	3	-	43	77237	355449	1722315
SAMN07153795	20156451	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	32	163017	385949	1733148
SAMN07153809	20156598	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	156218	412460	1717665
SAMN07153816	20156629	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156100	412448	1716370
SAMN07153824	20156637	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	31	156245	386317	1693577
SAMN07153828	20156641	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	114176	298661	1716173
SAMN07153838	20156714	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	38	116086	267954	1718857
SAMN07153842	20156718	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	64	155801	243825	1698988
SAMN07153859	20156783	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	35	114379	244075	1761491
SAMN07153863	20156787	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	52	112617	244142	1808580
SAMN07153872	20156796	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G	3	-	47	148062	487429	1802953
SAMN07153883	20160010	CO	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	112612	451263	1794487
SAMN07153885	20160012	CO	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	30	111859	391344	1714960
SAMN07153902	20160029	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	243	130549	282056	1761965
SAMN07153909	20160037	CO	89	101	89	-	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	30	155929	412448	1724465
SAMN07153920	20160139	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	37	163017	241244	1718663
SAMN07153924	20160143	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	parC-S6F	29	112049	345132	1757724
SAMN07153936	20160181	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	ermTR, parC-D5A	30	112054	336016	1759492
SAMN07153943	20160248	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	156849	371062	1717709
SAMN07153959	20160316	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	21	156853	386053	1716432
SAMN07153966	20160323	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	22	156401	386107	1691153
SAMN07153973	20160330	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	20	156330	481461	1790857
SAMN07153974	20160331	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	22	111990	306079	1791242
SAMN07153981	20160452	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	156077	670007	1730862
SAMN07153989	20160493	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	25	156772	386308	1692032
SAMN07153990	20160494	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156201	412718	1722488
SAMN07153993	20160497	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	26	116258	386263	1692493
SAMN07153996	20160500	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	21	156697	412730	1717780
SAMN07154011	20160757	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	156673	412620	1724469
SAMN07154034	20160948	CT	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156864	243865	1716901
SAMN07154038	20160952	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	27	116576	412443	1718263
SAMN07154042	20160956	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	29	155869	451394	1756727
SAMN07154043	20160957	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	163114	306934	1799204
SAMN07154048	20160972	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,K,Z	3	-	31	151817	250927	1745114
SAMN07154049	20160973	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	28	155472	412465	1717290
SAMN07154050	20160974	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,K,Z	3	parC-S6F	47	109387	144940	1742807

SAMN07154054	20160978	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	45	69450	162243	1740771
SAMN07154055	20160979	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	28	140230	412444	1718328
SAMN07154061	20160988	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156575	412684	1718041
SAMN07154089	20161083	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	112086	335991	1718252
SAMN07154099	20161093	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	29	116213	412739	1718563
SAMN07154101	20161095	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	29	116233	412704	1719332
SAMN07154116	20161231	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	36	155889	412507	1720051
SAMN07154119	20161234	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156217	412711	1716270
SAMN07154124	20161239	NY	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	156096	412657	1717676
SAMN07154128	20161328	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	32	147749	264933	1717253
SAMN07154131	20161332	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	29	112058	277221	1719065
SAMN07154138	20161339	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	32	161451	251106	1779021
SAMN07154139	20161340	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	155833	412431	1715794
SAMN07154144	20161428	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	29	162961	385838	1689237
SAMN07154149	20161433	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	27	162973	272076	1689174
SAMN07154151	20161435	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	156218	412350	1715355
SAMN07154155	20161439	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	28	155817	412564	1722249
SAMN07154162	20161446	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	37	141171	412453	1766426
SAMN07154167	20161451	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	31	106276	244099	1689479
SAMN07154168	20161452	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	26	156732	412721	1742588
SAMN07154169	20161453	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	26	156760	271323	1743730
SAMN07154179	20161540	GA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	16	-	25	156508	386120	1696235
SAMN07154183	20161716	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	83	67974	217167	1788790
SAMN07154184	20161717	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	45	79882	342384	1721963
SAMN07154192	20161726	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	40	99017	249322	1755530
SAMN07154194	20161728	MD	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	66	162765	412074	1711982
SAMN07154204	20161740	CT	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	67	46204	140198	1721402
SAMN07154220	20161840	OR	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	155871	451375	1756132
SAMN07154250	20162117	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G	3	-	22	156000	412367	1715801
SAMN07154258	20162125	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	30	178379	386055	1732409
SAMN07154261	20162128	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	35	112400	178330	1717204
SAMN07154274	20162141	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	36	156173	630051	1723540
SAMN07154278	20162146	CA	89	101	89	+	mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	27	151755	656347	1712332
SAMN07154281	20162149	CA	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	23	149997	656394	1734632
SAMN07154303	20162411	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	78	102988	621738	1767396
SAMN07154310	20162418	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	16	-	32	155848	385951	1697578
SAMN07154313	20162421	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	53	60205	232215	1694929
SAMN07154321	20162429	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	25	155742	386076	1695866
SAMN07154325	20162595	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	37	155797	412421	1723599
SAMN07154335	20162635	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	31	156137	386261	1720427
SAMN07154336	20162636	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	33	163022	656400	1722025
SAMN07154341	20162641	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	ermTR	33	156137	485279	1793670
SAMN07154346	20162646	CO	89	101	89	-	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	35	163038	412702	1722649
SAMN07154351	20162651	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	33	116237	656483	1724097
SAMN07154352	20162652	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	112	116065	511637	1736942

ID	No.	State	emm	ST	T		genes	genes							serotype	clade	resistance				
SAMN07154359	20162659	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	155739	412645	1723664
SAMN07154366	20162666	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	40	162829	412275	1712770
SAMN07154371	20162671	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	101	32220	86885	1731446
SAMN07154377	20162682	CO	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	42	156093	487532	1746695
SAMN07154392	20163515	NM	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	139868	244037	1721297
SAMN07154398	20163960	MN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	23	155837	385775	1694072
SAMN07154402	20164742	TN	89	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	84	155770	545254	1705275
SAMN07153108	20153102	NY	89	407	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	3	ermTR, gyrA-S11F, parC-S6F, aadD	37	90207	285448	1780332
SAMN07153317	20154547	CT	89	407	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	3	-	39	112501	251125	1747693
SAMN07153519	20155360	CT	89	407	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	3	-	34	112537	251352	1748132
SAMN07153573	20155581	TN	89	407	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	3	-	47	83339	350064	1765740
SAMN07153338	20154591	TN	89	801	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	25	155764	412447	1715649
SAMN07153546	20155387	OR	89	860	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	24	156440	451565	1755872
SAMN07154030	20160944	CT	89	892	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	tetM	28	163005	412423	1734387
SAMN07154003	20160749	MD	89.1	407	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	3	-	35	116213	266495	1724225
SAMN07153334	20154565	CT	89.1	910	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	3	-	42	163293	416605	1777060
SAMN07152986	20152230	NY	89.24	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	32	112038	335976	1732681
SAMN07153579	20155587	TN	89.28	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	31	144965	267650	1717226
SAMN07154021	20160932	TN	89.28	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	C,G,Z	3	-	35	112089	243931	1720868
SAMN07154135	20161336	NM	89.28	101	89	+	enn, mrp	fbaA, prtF2, sfb1, sof	-	-	-	-	+	+	G,Z	3	-	44	162858	385885	1690761
SAMN07154213	20161833	OR	90.2	184	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	25	127822	243618	1733758
SAMN07153105	20153098	TN	90.2	184	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,J,Z	1	tetM, parC-S6F	42	98962	191990	1822619
SAMN07154141	20161425	MN	90.2	184	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	C,G,Z	1	tetM	30	274593	484264	1885368
SAMN07154244	20162110	CA	90.5	184	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	135	235927	627983	1767551
SAMN07154369	20162669	CO	90.5	184	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	65	188144	444037	1747815
SAMN07153808	20156597	OR	91	12	91	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	G,S,Z	1	-	51	170886	270145	1756217
SAMN07154041	20160955	OR	91	12	91	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	G,S,Z	1	-	43	170938	327982	1757763
SAMN07154108	20161200	OR	91	12	91	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	G,S,Z	1	-	45	170918	327971	1758220
SAMN07154027	20160940	TN	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	101718	232188	1810555
SAMN07153000	20152303	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	87	40377	94068	1817496
SAMN07153031	20152740	NM	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	36	94783	211528	1815804
SAMN07153136	20153532	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	33	124627	243732	1814406
SAMN07153192	20153621	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	29	124607	243712	1813114
SAMN07153205	20154014	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	94823	243699	1813243
SAMN07153226	20154036	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	124596	243700	1806532
SAMN07153228	20154038	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	37	177765	367425	1799585
SAMN07153243	20154053	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	29	124591	243696	1812681
SAMN07153244	20154054	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	40	124631	243736	1810387
SAMN07153308	20154382	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	48	177729	367394	1803801
SAMN07153387	20154789	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III	29	124599	243704	1807546
SAMN07153389	20154791	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	33	118829	243700	1808401
SAMN07153407	20154810	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	124627	243732	1808871
SAMN07153414	20154818	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	38	92421	201494	1809993
SAMN07153549	20155390	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	124587	232211	1858899
SAMN07153718	20156269	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	C,G,J,Z	1	tetM, ant6-Ia, aph3-III	30	124602	243716	1802579

SAMN07153721	20156272	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	40	189034	367650	1802905
SAMN07153737	20156390	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	38	188963	367410	1799947
SAMN07153750	20156403	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	-	31	124620	243723	1773091
SAMN07153764	20156420	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	35	124611	243716	1808475
SAMN07153765	20156421	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	124579	243684	1807383
SAMN07153777	20156433	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	40	111950	243680	1808124
SAMN07153785	20156441	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	42	94782	243732	1810335
SAMN07153805	20156594	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	177837	279809	1805083
SAMN07153881	20160007	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	111	177433	344860	1800891
SAMN07153886	20160013	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	91	177657	345016	1800971
SAMN07153892	20160019	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	35	124634	244591	1812001
SAMN07153896	20160023	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	37	124523	243628	1812661
SAMN07153942	20160247	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	27	102483	243708	1808515
SAMN07153953	20160249	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	36	94792	243744	1809655
SAMN07153954	20160250	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	27	124607	243712	1803114
SAMN07153955	20160251	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	28	124607	243712	1802494
SAMN07153979	20160450	GA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	34	94750	243663	1813417
SAMN07154024	20160936	TN	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	178325	243684	1809207
SAMN07154040	20160954	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	29	177961	280268	1801550
SAMN07154077	20161071	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	31	124595	243700	1807956
SAMN07154079	20161073	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	124611	243716	1807968
SAMN07154087	20161081	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	124583	243688	1807845
SAMN07154091	20161085	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	33	112048	243740	1808604
SAMN07154096	20161090	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	33	124627	243732	1809108
SAMN07154104	20161196	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	36	94775	243739	1810773
SAMN07154114	20161206	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	177969	273039	1807004
SAMN07154214	20161834	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	34	110883	243700	1804656
SAMN07154235	20161874	TN	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	33	177865	367694	1806194
SAMN07154247	20162114	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	29	177885	367729	1805386
SAMN07154252	20162119	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	37	177753	367488	1799384
SAMN07154262	20162129	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	35	135678	243636	1806855
SAMN07154264	20162131	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	29	177806	367766	1807060
SAMN07154265	20162132	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	32	135731	243684	1812763
SAMN07154275	20162142	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	tetM, ant6-Ia, aph3-III, sat4A	29	178265	367745	1811916
SAMN07154285	20162153	CA	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	178297	367777	1859911
SAMN07154330	20162630	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	34	135682	243672	1813025
SAMN07154332	20162632	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	44	177885	367714	1813763
SAMN07154361	20162661	CO	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	35	176436	273105	1805911
SAMN07154390	20163342	OR	92	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	189	84043	174416	1812289
SAMN07153245	20154055	CA	92	855	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, tetM, ant6-Ia, aph3-III, sat4A	30	124551	243656	1806627
SAMN07153801	20156457	CA	92.2	82	92	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	-	-	C,G,J,Z	1	ermT, ermTR, tetM, ant6-Ia, aph3-III, sat4	34	124559	273194	1835229
SAMN07153070	20152838	GA	94	89	89	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	-	+	G,H,Z	1	-	40	163523	421437	1825883
SAMN07153464	20155042	MN	101	182	13	+	enn, mrp	fbaA, prtF2	+	+	-	-	-	-	-	G,J,K,Z	14	-	24	216587	414003	1767840
SAMN07153686	20156165	MN	101	182	13	+	enn, mrp	fbaA, prtF2	+	+	-	-	-	-	-	G,J,K,Z	14	tetM, ant6-Ia, aph3-III, sat4A	29	171549	288336	1830797
SAMN07153972	20160329	MN	101	182	13	+	enn, mrp	fbaA, prtF2	+	+	-	-	-	-	-	G,J,K,Z	14	-	26	144250	287961	1766693

SAMN07154308	20162416	MN	101	182	13	+	enn, mrp	fbaA, prtF2	+	+	-	-	-	-	G,J,K,Z	14	-	35	171494	288187	1771757
SAMN07154374	20162674	CO	101	182	13	+	enn, mrp	fbaA, prtF2	+	+	-	-	-	-	G,J,K,Z	14	tetM, ant6-Ia, aph3-III, sat4A	38	148092	288239	1833512
SAMN07153848	20156725	CT	102.2	895	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	+	C,G,J,L,M,Z	1	ermB, tetM	102	33433	101197	1979660
SAMN07154418	20164926	CO	103	327	-	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,H,J,Z	1	-	56	82613	163059	1783669
SAMN07153747	20156400	CA	104	137	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	L,M,Z	1	tetM	20	257935	517799	1857647
SAMN07153792	20156448	CA	104	137	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	L,M,Z	1	tetM	55	64325	180683	1865369
SAMN07153332	20154563	CT	106	338	3	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	24	202323	278290	1718521
SAMN07154182	20161543	GA	106	900	59	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	-	41	82358	248251	1712266
SAMN07153987	20160491	NM	108.1	14	-	+	enn, mrp	fbaA, sfb1	+	-	-	-	+	+	C,G,J,L,M,S,Z	1	tetM, folA-H11D	76	183603	255119	1908454
SAMN07153232	20154042	CA	108.2	14	-	+	enn, mrp	fbaA, sfb1	+	-	-	-	-	-	G,J,L,M,S,Z	1	tetM, folA-H11D	66	93258	380570	1859602
SAMN07153976	20160333	MN	111.1	214	91	+	enn, mrp	fbaA, prtF2	+	-	-	-	-	-	G,J,S,Z	1	-	25	177578	217729	1755126
SAMN07153201	20154010	CA	113.2	148	12	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	-	52	157184	316103	1793563
SAMN07153706	20156185	MN	114.6	220	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	tetM	26	228567	289839	1723285
SAMN07153352	20154605	TN	114.8	188	81	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,Z	1	ermTR, tetM, aph3-III, sat4A	31	127366	320321	1787320
SAMN07153890	20160017	CO	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	28	243664	684679	1770134
SAMN07154193	20161727	MD	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	24	243543	772815	1769217
SAMN07153044	20152754	NM	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	26	199371	248902	1778944
SAMN07153080	20152979	OR	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	23	233374	417619	1777775
SAMN07153095	20153048	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	16	275529	774338	1775768
SAMN07153113	20153107	NY	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	18	243635	774058	1770366
SAMN07153137	20153533	OR	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	74	243410	434119	1771773
SAMN07153260	20154142	MN	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	20	243615	416972	1768930
SAMN07153272	20154154	MN	118	167	13	+	mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	35	243515	401377	1767751
SAMN07153347	20154600	TN	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	13	243711	573932	1774993
SAMN07153375	20154630	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	12	275530	773432	1774270
SAMN07153435	20154967	NY	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	23	275397	773993	1770584
SAMN07153459	20155037	MN	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	13	243691	774495	1776060
SAMN07153504	20155205	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	19	233263	285192	1770783
SAMN07153524	20155365	CT	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	24	272888	774003	1768681
SAMN07153574	20155582	TN	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	12	243590	773213	1774198
SAMN07153654	20156016	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	22	243591	774382	1776454
SAMN07153823	20156636	NY	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,H,Z	1	-	16	243676	813638	1809448
SAMN07153929	20160173	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	13	243703	542572	1770020
SAMN07153984	20160455	GA	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	15	233297	541598	1770006
SAMN07153992	20160496	NM	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	15	315913	692031	1771178
SAMN07154203	20161739	CT	118	167	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	31	116259	212929	1771396
SAMN07153015	20152519	MN	118	848	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	62	56219	114825	1780982
SAMN07153184	20153613	CO	118	854	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	18	233348	539058	1767897
SAMN07153663	20156102	NM	118	863	13	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	-	C,G,Z	1	-	16	465671	538203	1816888
SAMN07154267	20162134	CA	151.1	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	G,H,I	1	-	39	112916	474976	1752382
SAMN07154290	20162158	CA	151.1	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	G,H,I	1	-	37	112796	296422	1748608
SAMN07154421	20165275	CA	151.1	433	49	+	enn, mrp	fbaA, prtF2, sof	+	-	-	-	-	+	G,H,I	1	-	102	99382	303207	1755263
SAMN07153556	20155408	NY	165	768	-	+	enn, mrp	fbaA, sfb1, sof	+	-	-	-	-	+	H,I,L,M,Z	1	tetM	45	81224	208953	1849704
SAMN07153671	20156110	NM	216.1	865	-	+	enn, mrp	fbaA	+	-	-	-	-	-	A,S,Z	8	parC-S6A	48	85513	242949	1784813
SAMN07154243	20162109	CA	227.1	28	1	+	-	fbaA	+	+	+	-	+	+	A,G,J,Z	1	-	33	221630	478784	1807277

SAMN07153904	20160031	CO	232	902	11	+	enn, mrp	fbaA, prtF2, sfb1, sof	+	-	-	-	-	+	G,H,I,J,Z	1	-	24	181040	286749	1773188	
SAMN07153843	20156719	CT	234.8	914	-	+	-	fbaA, sfb1	+	-	-	-	-	-	G	29	-	47	88181	169087	1726832	
SAMN07153804	20156593	OR	238.1	868	-	+	-	fbaA, sfb1	+	-	+	-	-	-	A,G,J,Z	1	-	28	179797	257940	1799495	
SAMN07153776	20156432	CA	238.2	867	-	+	-	fbaA, sfb1	+	-	+	-	-	-	G,J,Z	1	-	59	47084	192956	1702309	
SAMN07153935	20160179	GA	emm-neg	36	12	+	-	prtF2, sfb1	+	+	-	-	+	+	C,G,H,I,Z	4	-	48	123300	201699	1803651	
SAMN07153302	20154376	NY	stG245.0	se128	-	+	-	sfb1	-	-	-	-	-	+	-	5	mef, folA-I3V,K5E,E8D,D14E,I19V	163	28939	73406	2147443	
SAMN07153560	20155412	NY	stG245.0	se128	-	+	-		-	-	-	-	-	+	-	5	mef, folA-I3V,K5E,E8D,D14E,I19V	102	47696	127725	2137649	
SAMN07153678	20156157	NY	stG245.0	se128	-	+	-		-	-	-	-	-	+	-	5	mef, folA-I3V,K5E,E8D,D14E,I19V	97	73666	227820	2180091	
SAMN07154052	20160976	NY	stG485.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	101	53735	100234	2225851	
SAMN07154253	20162120	CA	stG485.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	130	64239	139935	2016757	
SAMN07154273	20162140	CA	stG485.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	111	63720	139865	2007008	
SAMN07153383	20154682	NM	stG652.0	se128	-	+	-	sfb1	-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	80	54335	152842	2009673	
SAMN07153783	20156439	CA	stG652.0	se128	-	+	-	sfb1	-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	206	62834	139977	2005443	
SAMN07153796	20156452	CA	stG652.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	119	68899	157358	2086019	
SAMN07154238	20162102	CA	stG652.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	113	64533	220134	2084996	
SAMN07154260	20162127	CA	stG652.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	108	68871	152694	2003295	
SAMN07154389	20163069	CT	stG652.0	se128	-	+	-		-	-	-	-	-	+	-	5	folA-I3V,K5E,E8D,D14E,I19V	201	37456	125007	2036244	