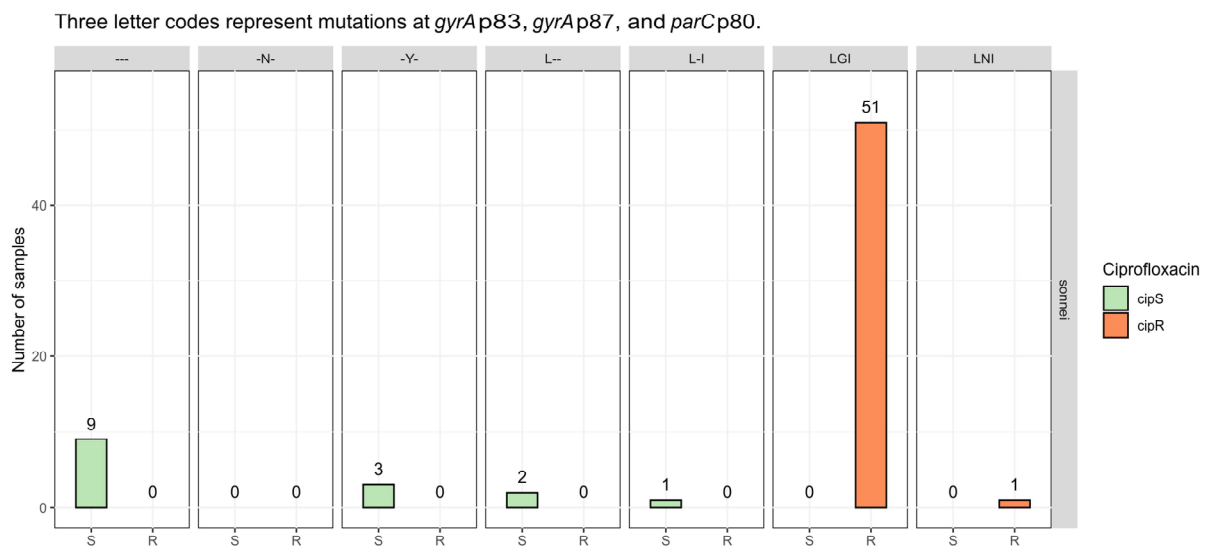


SUPPLEMENTARY

Ciprofloxacin resistant *Shigella* in Belgium

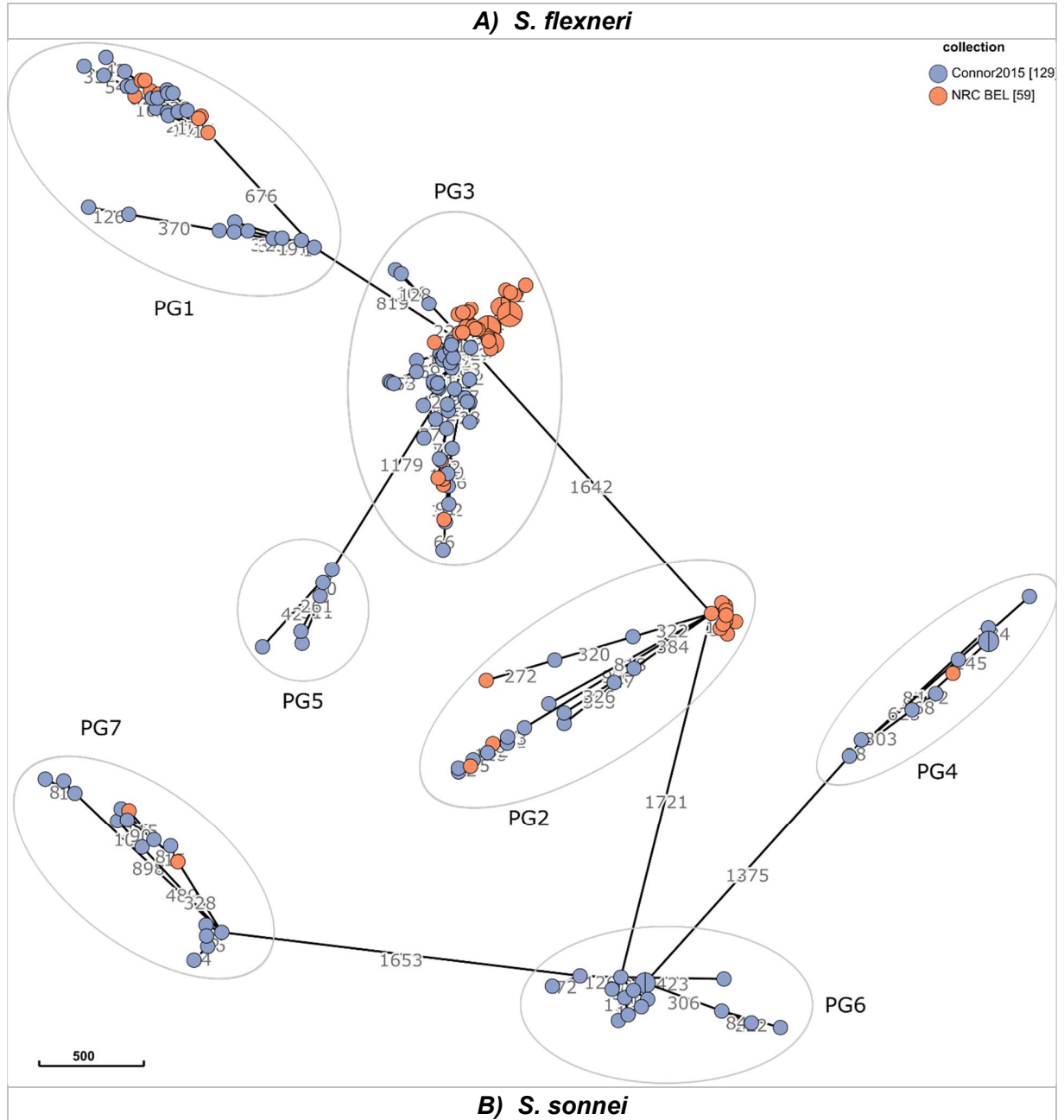
Figures

Supplementary Figure S1: Occurrence of *gyrA* p83, *gyrA* p87 and *parC* p80 mutations associated with ciprofloxacin resistance in the background collection.



The X-axis on each subplot represents the collection of the corresponding samples, the Y-axis represents the number of isolates. Bars are colored according to observed phenotypic resistance against ciprofloxacin. No phenotypic resistance data was available for the *S. flexneri* samples from the background collection. Columns represent the patterns of amino-acid mutations in the *gyrA* p83, *gyrA* p87 and *parC* p80 positions (in that order). Dashes indicate that the *wt* amino acid was observed at the corresponding position. Mutations detected in samples without phenotypic testing data for ciprofloxacin resistance were omitted. Abbreviations: resistant (R); sensitive (S).

Supplementary Figure S2: Network representation of minimum spanning trees for *S. sonnei* (A) and *S. flexneri* (B).



Tables

Supplementary Table S1: Accession number and metadata for the Belgian samples.

Sample	Species	SRA accession	Ciprofloxacin resistance	Year	Travel	Gender	Province
S13BD00302	<i>S. flexneri</i>	SRR13608899	High-level	2013	Belgium -> France	Female	Namur
S13BD00535	<i>S. flexneri</i>	SRR13608898	High-level	2013	Belgium	Male	Antwerpen
S13BD00702	<i>S. flexneri</i>	SRR13608834	High-level	2013	Belgium	Male	Brussel
S13BD00834	<i>S. flexneri</i>	SRR13608812	High-level	2013	Belgium -> Myamar	Male	Oost-Vlaanderen
S13BD00854	<i>S. flexneri</i>	SRR13608790	High-level	2013	Belgium	Male	Oost-Vlaanderen
S13BD00906	<i>S. flexneri</i>	SRR13608779	High-level	2013	Belgium -> India	Male	Antwerpen
S13BD01310	<i>S. flexneri</i>	SRR13608897	High-level	2013	Belgium	Female	West-Vlaanderen
S13BD01692	<i>S. flexneri</i>	SRR13608886	High-level	2013	Belgium	Male	Oost-Vlaanderen
S13BD02106	<i>S. flexneri</i>	SRR13608853	Low-level	2013	Belgium -> Turkey	Female	Antwerpen
S13BD02107	<i>S. flexneri</i>	SRR13608836	High-level	2013	Belgium -> India	Female	Antwerpen
S13BD02195	<i>S. flexneri</i>	SRR13608835	High-level	2013	Belgium	Female	West-Vlaanderen
S13BD02470	<i>S. flexneri</i>	SRR13608832	Low-level	2013	Belgium	Male	Brussel
S13BD02670	<i>S. flexneri</i>	SRR13608830	Low-level	2013	Belgium -> Cameroon	Female	Antwerpen
S13BD02671	<i>S. flexneri</i>	SRR13608829	Low-level	2013	Belgium -> Congo	Female	Brussel
S13BD03084	<i>S. flexneri</i>	SRR13608828	Susceptible	2013	Belgium	Male	Vlaams-Brabant
S13BD03196	<i>S. flexneri</i>	SRR13608827	High-level	2013	Belgium -> India	Male	Brussel
S13BD03288	<i>S. flexneri</i>	SRR13608826	Low-level	2013	Belgium -> Cuba	Female	Antwerpen
S13BD03539	<i>S. flexneri</i>	SRR13608818	High-level	2013	Belgium	Female	Antwerpen
S13BD04017	<i>S. flexneri</i>	SRR13608817	Susceptible	2013	Belgium	Male	Limburg
S13BD04231	<i>S. flexneri</i>	SRR13608816	High-level	2013	Belgium	Female	Antwerpen
S13BD04360	<i>S. flexneri</i>	SRR13608815	Low-level	2013	Belgium -> Guinea	Female	Antwerpen
S14BD00799	<i>S. flexneri</i>	SRR13608814	High-level	2014	Belgium	Male	Antwerpen
S14BD00913	<i>S. flexneri</i>	SRR13608804	High-level	2014	Belgium -> India	Female	Brussel
S14BD01131	<i>S. flexneri</i>	SRR13608800	Susceptible	2014	Belgium	Male	Limburg
S14BD01142	<i>S. flexneri</i>	SRR13608798	Susceptible	2014	Belgium	Male	Hainaut
S14BD01714	<i>S. flexneri</i>	SRR13608783	Susceptible	2014	Belgium	Male	Brussel
S14BD02502	<i>S. flexneri</i>	SRR13608780	Susceptible	2014	Belgium	Male	Antwerpen
S14BD02795	<i>S. flexneri</i>	SRR13608777	Low-level	2014	Belgium	Female	-
S14BD03054	<i>S. flexneri</i>	SRR13608775	High-level	2014	Belgium	Female	Vlaams-Brabant
S14BD03397	<i>S. flexneri</i>	SRR13608771	Low-level	2014	Belgium -> Africa	Male	Vlaams-Brabant
S14BD03573	<i>S. flexneri</i>	SRR13608770	Low-level	2014	Belgium	-	Antwerpen

S14BD04882	<i>S. flexneri</i>	SRR13608766	Low-level	2014	Belgium	Male	Antwerpen
S14BD04971	<i>S. flexneri</i>	SRR13608764	Low-level	2014	Belgium -> Sierra Leone	Male	Vlaams-Brabant
S14BD05043	<i>S. flexneri</i>	SRR13608763	High-level	2014	Belgium -> China	Male	Brussel
S14BD05234	<i>S. flexneri</i>	SRR13608755	Low-level	2014	Belgium	Male	Namur
S14BD05285	<i>S. flexneri</i>	SRR13608753	High-level	2014	Belgium	Male	Limburg
S15BD00055	<i>S. flexneri</i>	SRR13608747	High-level	2015	Belgium	Male	Vlaams-Brabant
S15BD00457	<i>S. flexneri</i>	SRR13608895	High-level	2015	Belgium	Male	Liege
S15BD00494	<i>S. flexneri</i>	SRR13608892	High-level	2015	Belgium	Male	Limburg
S15BD00569	<i>S. flexneri</i>	SRR13608891	High-level	2015	Belgium	Female	Antwerpen
S15BD00797	<i>S. flexneri</i>	SRR13608889	High-level	2015	Belgium	Male	Antwerpen
S15BD00889	<i>S. flexneri</i>	SRR13608888	Low-level	2015	Belgium	Female	Vlaams-Brabant
S15BD00932	<i>S. flexneri</i>	SRR13608885	Low-level	2015	Belgium	Female	Hainaut
S15BD01283	<i>S. flexneri</i>	SRR13608884	Low-level	2015	Belgium	Male	Hainaut
S15BD02324	<i>S. flexneri</i>	SRR13608883	Low-level	2015	Belgium	Male	Brabant wallon
S15BD02325	<i>S. flexneri</i>	SRR13608882	Low-level	2015	Belgium	Female	Brabant wallon
S15BD02326	<i>S. flexneri</i>	SRR13608878	Low-level	2015	Belgium	Male	Hainaut
S15BD02368	<i>S. flexneri</i>	SRR13608877	High-level	2015	Belgium	Female	Brabant wallon
S15BD02407	<i>S. flexneri</i>	SRR13608872	Low-level	2015	Belgium	Female	Hainaut
S15BD02515	<i>S. flexneri</i>	SRR13608871	Low-level	2015	Belgium	Male	Antwerpen
S15BD02726	<i>S. flexneri</i>	SRR13608870	Low-level	2015	Belgium	-	-
S15BD02737	<i>S. flexneri</i>	SRR13608868	High-level	2015	Belgium -> India	Male	Antwerpen
S15BD02867	<i>S. flexneri</i>	SRR13608867	High-level	2015	Belgium	Male	Brussel
S15BD02979	<i>S. flexneri</i>	SRR13608859	Low-level	2015	Belgium -> Dom. Rep.	Male	Antwerpen
S15BD02995	<i>S. flexneri</i>	SRR13608856	Low-level	2015	Belgium	Male	-
S15BD03192	<i>S. flexneri</i>	SRR13608855	Low-level	2015	Belgium	Male	Limburg
S15BD03801	<i>S. flexneri</i>	SRR13608854	High-level	2015	Belgium	Male	Antwerpen
S15BD03806	<i>S. flexneri</i>	SRR13608852	High-level	2015	Belgium	Male	Antwerpen
S15BD03807	<i>S. flexneri</i>	SRR13608851	High-level	2015	Belgium	Male	Antwerpen
S15BD03808	<i>S. flexneri</i>	SRR13608847	High-level	2015	Belgium	Male	Antwerpen
S15BD03850	<i>S. flexneri</i>	SRR13608845	Low-level	2015	Belgium	Female	Vlaams-Brabant
S15BD04030	<i>S. flexneri</i>	SRR13608843	Low-level	2015	Belgium	Male	Oost-Vlaanderen
S15BD04031	<i>S. sonnei</i>	SRR13608823	High-level	2015	Belgium -> Nepal	Female	Oost-Vlaanderen
S15BD04165	<i>S. sonnei</i>	SRR13608801	High-level	2015	Belgium	Male	Antwerpen
S15BD04166	<i>S. sonnei</i>	SRR13608768	High-level	2015	Belgium	Male	West-Vlaanderen
S15BD04402	<i>S. sonnei</i>	SRR13608757	Susceptible	2015	Belgium -> Ghana	Male	-
S15BD04659	<i>S. sonnei</i>	SRR13608875	High-level	2015	Belgium	Male	Antwerpen
S15BD04792	<i>S. sonnei</i>	SRR13608864	Low-level	2015	Belgium	Male	Brabant wallon
S15BD04848	<i>S. sonnei</i>	SRR13608842	High-level	2015	Belgium	Male	Antwerpen
S15BD05228	<i>S. sonnei</i>	SRR13608838	High-level	2015	Belgium	Male	Brussel

S15BD05940	<i>S. sonnei</i>	SRR13608837	Low-level	2015	Belgium -> Ivory Coast	Male	Namur
S15BD06353	<i>S. sonnei</i>	SRR13608833	Susceptible	2015	Belgium	Male	Antwerpen
S15BD06471	<i>S. sonnei</i>	SRR13608831	High-level	2015	Belgium	Male	Brussel
S15BD06515	<i>S. sonnei</i>	SRR13608825	Low-level	2015	Belgium	Male	-
S15BD07017	<i>S. sonnei</i>	SRR13608824	High-level	2015	Belgium -> India	Female	Antwerpen
S15BD07161	<i>S. sonnei</i>	SRR13608822	High-level	2015	Belgium	Male	Limburg
S15BD07522	<i>S. sonnei</i>	SRR13608821	High-level	2015	Belgium -> Thailand	Male	Antwerpen
S15BD08204	<i>S. sonnei</i>	SRR13608820	Susceptible	2015	Belgium	Male	Brussel
S15BD08762	<i>S. sonnei</i>	SRR13608819	High-level	2015	Belgium	Male	Antwerpen
S15BD09124	<i>S. sonnei</i>	SRR13608813	Low-level	2015	Belgium -> Uzbekistan	Male	Oost-Vlaanderen
S15BD09162	<i>S. sonnei</i>	SRR13608811	High-level	2015	Belgium -> Thailand	Male	Antwerpen
S15BD09335	<i>S. sonnei</i>	SRR13608810	Susceptible	2015	Belgium	Male	West-Vlaanderen
S15BD09356	<i>S. sonnei</i>	SRR13608809	Low-level	2015	Belgium	Female	Antwerpen
S15BD09453	<i>S. sonnei</i>	SRR13608808	Susceptible	2015	Belgium	Male	West-Vlaanderen
S15BD09529	<i>S. sonnei</i>	SRR13608807	High-level	2015	Belgium	Male	Hainaut
S15BD09628	<i>S. sonnei</i>	SRR13608806	Low-level	2015	Belgium -> France	Male	-
S15BD09656	<i>S. sonnei</i>	SRR13608805	Low-level	2015	Belgium	Female	Limburg
S15BD10104	<i>S. sonnei</i>	SRR13608803	High-level	2015	Belgium -> India	Male	Antwerpen
S15BD10108	<i>S. sonnei</i>	SRR13608802	Low-level	2015	Belgium -> Mali	Female	Antwerpen
S15BD10196	<i>S. sonnei</i>	SRR13608799	Low-level	2015	Belgium -> Senegal	Male	Brussel
S15BD10296	<i>S. sonnei</i>	SRR13608797	High-level	2015	Belgium	Male	West-Vlaanderen
S16BD00148	<i>S. sonnei</i>	SRR13608796	High-level	2016	Belgium	Male	Brussel
S16BD00285	<i>S. sonnei</i>	SRR13608795	Low-level	2016	Belgium	Female	Brabant wallon
S16BD00463	<i>S. sonnei</i>	SRR13608794	Low-level	2016	Belgium	Male	Brussel
S16BD00582	<i>S. sonnei</i>	SRR13608793	High-level	2016	Belgium -> Spain	Male	Brussel
S16BD00590	<i>S. sonnei</i>	SRR13608792	High-level	2016	Belgium	Male	Brussel
S16BD00864	<i>S. sonnei</i>	SRR13608791	Low-level	2016	Belgium	Male	-
S16BD01339	<i>S. sonnei</i>	SRR13608789	Low-level	2016	Belgium	Male	Namur
S16BD01740	<i>S. sonnei</i>	SRR13608788	High-level	2016	Belgium	Male	Antwerpen
S16BD01789	<i>S. sonnei</i>	SRR13608787	Susceptible	2016	Belgium -> Burkina Faso	Male	Brussel
S16BD01790	<i>S. sonnei</i>	SRR13608786	High-level	2016	Belgium -> Sri Lanka	Male	Antwerpen
S16BD01991	<i>S. sonnei</i>	SRR13608785	Susceptible	2016	Belgium	Male	Vlaams-Brabant
S16BD02550	<i>S. sonnei</i>	SRR13608784	High-level	2016	Belgium	Female	-
S16BD02574	<i>S. sonnei</i>	SRR13608782	Low-level	2016	Belgium -> Pakistan	Male	Antwerpen
S16BD02637	<i>S. sonnei</i>	SRR13608781	Susceptible	2016	Belgium	Male	Antwerpen
S16BD02856	<i>S. sonnei</i>	SRR13608778	Susceptible	2016	Belgium	Female	Liege
S16BD03340	<i>S. sonnei</i>	SRR13608776	High-level	2016	Belgium	Female	Antwerpen

S16BD03590	<i>S. sonnei</i>	SRR13608774	High-level	2016	Belgium	Male	Oost-Vlaanderen
S16BD03881	<i>S. sonnei</i>	SRR13608773	Low-level	2016	Belgium	Male	Namur
S16BD04069	<i>S. sonnei</i>	SRR13608772	Low-level	2016	Belgium	Male	-
S16BD04652	<i>S. sonnei</i>	SRR13608769	Susceptible	2016	Belgium	Male	Antwerpen
S16BD07706	<i>S. sonnei</i>	SRR13608767	Susceptible	2016	Belgium	Male	Antwerpen
S17BD00498	<i>S. sonnei</i>	SRR13608765	High-level	2017	Belgium	Male	Limburg
S17BD00886	<i>S. sonnei</i>	SRR13608762	High-level	2017	Belgium -> India	Male	Limburg
S17BD01977	<i>S. sonnei</i>	SRR13608761	Susceptible	2017	Belgium	Female	Vlaams-Brabant
S17BD02088	<i>S. sonnei</i>	SRR13608760	Susceptible	2017	Belgium -> Congo	Male	Vlaams-Brabant
S17BD02164	<i>S. sonnei</i>	SRR13608759	Susceptible	2017	Belgium	Female	Vlaams-Brabant
S17BD02190	<i>S. sonnei</i>	SRR13608758	High-level	2017	Belgium	Male	-
S17BD02300	<i>S. sonnei</i>	SRR13608756	High-level	2017	Belgium	Male	-
S17BD02526	<i>S. sonnei</i>	SRR13608754	Susceptible	2017	Belgium	Female	Vlaams-Brabant
S17BD02897	<i>S. sonnei</i>	SRR13608752	High-level	2017	Belgium	Male	Brabant wallon
S17BD03513	<i>S. sonnei</i>	SRR13608751	High-level	2017	Belgium -> India	Female	Antwerpen
S17BD03514	<i>S. sonnei</i>	SRR13608750	High-level	2017	Belgium -> Mexico	Male	Brussel
S17BD04033	<i>S. sonnei</i>	SRR13608749	Susceptible	2017	Belgium	-	-
S17BD04223	<i>S. sonnei</i>	SRR13608748	High-level	2017	Belgium	Male	-
S17BD04438	<i>S. sonnei</i>	SRR13608896	High-level	2017	Belgium -> Portugal	Male	Antwerpen
S17BD04752	<i>S. sonnei</i>	SRR13608894	High-level	2017	Belgium	Female	-
S17BD06364	<i>S. sonnei</i>	SRR13608893	Susceptible	2017	Belgium	Female	Antwerpen
S17BD06426	<i>S. sonnei</i>	SRR13608890	Susceptible	2017	Belgium -> Egypt	Male	Liege
S17BD06464	<i>S. sonnei</i>	SRR13608887	High-level	2017	Belgium -> India	Female	Oost-Vlaanderen
S17BD06759	<i>S. sonnei</i>	SRR13608881	High-level	2017	Belgium	Male	Oost-Vlaanderen
S17BD06760	<i>S. sonnei</i>	SRR13608880	High-level	2017	Belgium	Male	Antwerpen
S17BD06799	<i>S. sonnei</i>	SRR13608879	High-level	2017	Belgium	Male	Oost-Vlaanderen
S17BD06801	<i>S. sonnei</i>	SRR13608876	High-level	2017	Belgium	Male	Oost-Vlaanderen
S17BD07654	<i>S. sonnei</i>	SRR13608874	Susceptible	2017	Belgium	Female	Liege
S17BD07774	<i>S. sonnei</i>	SRR13608873	High-level	2017	Belgium	Male	Brussel
S17BD07961	<i>S. sonnei</i>	SRR13608869	Susceptible	2017	Belgium	Male	Vlaams-Brabant
S17BD08054	<i>S. sonnei</i>	SRR13608866	Susceptible	2017	Belgium	Male	-
S17BD08194	<i>S. sonnei</i>	SRR13608865	High-level	2017	Belgium	Male	-
S17BD08237	<i>S. sonnei</i>	SRR13608863	High-level	2017	Belgium	Male	-
S18BD00005	<i>S. sonnei</i>	SRR13608862	High-level	2018	Belgium	Male	-
S18BD00006	<i>S. sonnei</i>	SRR13608861	High-level	2018	Belgium	Male	-
S18BD00011	<i>S. sonnei</i>	SRR13608860	Low-level	2018	Belgium	Female	Hainaut
S18BD00105	<i>S. sonnei</i>	SRR13608858	High-level	2018	Belgium	Male	Brussel
S18BD00654	<i>S. sonnei</i>	SRR13608857	Susceptible	2018	Belgium	Female	Oost-Vlaanderen
S18BD01109	<i>S. sonnei</i>	SRR13608850	Low-level	2018	Belgium	Female	Liege

S18BD01122	<i>S. sonnei</i>	SRR13608849	High-level	2018	Belgium -> India	Female	Brussel
S18BD01126	<i>S. sonnei</i>	SRR13608848	Susceptible	2018	Belgium	Male	-
S18BD01231	<i>S. sonnei</i>	SRR13608846	High-level	2018	Belgium	Male	Namur
S18BD01471	<i>S. sonnei</i>	SRR13608844	High-level	2018	Belgium	Male	-
S18BD01685	<i>S. sonnei</i>	SRR13608841	High-level	2018	Belgium	-	Brussel
S18BD01986	<i>S. sonnei</i>	SRR13608840	High-level	2018	Belgium	Male	Liege
S18BD02200	<i>S. sonnei</i>	SRR13608839	Susceptible	2018	Belgium	Female	Antwerpen

The first and second columns list the sample name and species, respectively. The third column lists the SRA accession number for the raw data. The fourth, fifth, sixth, seventh and eight columns lists the phenotypic resistance to ciprofloxacin, collection year, travel information, patient gender, and province of residence of the patient, respectively. Dashes ('-') indicate the corresponding information was not available or not collected.

Supplementary Table S2: Read trimming statistics.

Sample	Species	Collection	Read pairs	Both surviving	Forward only surviving	Reverse only surviving	Both dropped
ERR042796	<i>S. flexneri</i>	Connor2015	3,232,293	2,899,309	190,634	90,627	51,723
ERR042797	<i>S. flexneri</i>	Connor2015	3,303,958	2,947,324	212,686	90,166	53,782
ERR042799	<i>S. flexneri</i>	Connor2015	4,411,984	3,933,266	277,328	123,529	77,861
ERR042803	<i>S. flexneri</i>	Connor2015	4,495,532	4,012,834	274,202	128,841	79,655
ERR042806	<i>S. flexneri</i>	Connor2015	3,460,951	3,095,831	207,553	97,488	60,079
ERR042810	<i>S. flexneri</i>	Connor2015	13,111,321	11,694,912	814,312	368,893	233,204
ERR042811	<i>S. flexneri</i>	Connor2015	3,648,419	3,250,090	232,652	102,169	63,508
ERR042814	<i>S. flexneri</i>	Connor2015	3,771,675	3,375,918	225,777	105,556	64,424
ERR042816	<i>S. flexneri</i>	Connor2015	3,514,663	3,130,783	222,652	98,142	63,086
ERR042819	<i>S. flexneri</i>	Connor2015	3,541,201	3,169,179	213,687	98,030	60,305
ERR042821	<i>S. flexneri</i>	Connor2015	3,455,674	3,079,675	213,270	100,893	61,836
ERR042824	<i>S. flexneri</i>	Connor2015	3,321,637	2,961,649	205,874	94,855	59,259
ERR042825	<i>S. flexneri</i>	Connor2015	3,539,310	3,151,162	220,761	102,754	64,633
ERR042827	<i>S. flexneri</i>	Connor2015	4,063,283	3,618,156	255,228	116,394	73,505
ERR042831	<i>S. flexneri</i>	Connor2015	4,046,918	3,603,446	256,970	112,937	73,565
ERR042832	<i>S. flexneri</i>	Connor2015	5,478,823	4,891,518	335,883	155,493	95,929
ERR042833	<i>S. flexneri</i>	Connor2015	5,347,871	4,771,231	326,069	154,811	95,760
ERR042835	<i>S. flexneri</i>	Connor2015	3,880,472	3,453,915	240,205	115,774	70,578
ERR042837	<i>S. flexneri</i>	Connor2015	4,059,612	3,627,434	245,942	114,187	72,049
ERR042838	<i>S. flexneri</i>	Connor2015	4,354,154	3,882,723	267,224	126,227	77,980
ERR042839	<i>S. flexneri</i>	Connor2015	4,175,699	3,732,612	254,371	116,730	71,986
ERR042840	<i>S. flexneri</i>	Connor2015	4,205,399	3,744,968	263,274	121,672	75,485
ERR042841	<i>S. flexneri</i>	Connor2015	4,695,113	4,178,963	299,772	132,207	84,171
ERR042842	<i>S. flexneri</i>	Connor2015	6,297,711	5,618,718	384,708	180,992	113,293
ERR042843	<i>S. flexneri</i>	Connor2015	4,265,514	3,791,264	271,517	121,797	80,936
ERR042845	<i>S. flexneri</i>	Connor2015	4,548,630	4,055,490	279,909	130,241	82,990
ERR042849	<i>S. flexneri</i>	Connor2015	4,055,582	3,599,718	265,553	114,812	75,499
ERR042851	<i>S. flexneri</i>	Connor2015	4,003,348	3,557,848	258,245	112,249	75,006
ERR042852	<i>S. flexneri</i>	Connor2015	3,758,574	3,320,545	266,390	102,713	68,926
ERR042853	<i>S. flexneri</i>	Connor2015	4,795,265	4,250,157	320,003	133,613	91,492
ERR042855	<i>S. flexneri</i>	Connor2015	3,955,558	3,516,010	256,386	110,264	72,898
ERR042858	<i>S. flexneri</i>	Connor2015	4,171,369	3,695,303	278,194	119,104	78,768
ERR042860	<i>S. flexneri</i>	Connor2015	3,885,967	3,452,307	251,439	109,764	72,457
ERR042861	<i>S. flexneri</i>	Connor2015	3,588,095	3,195,994	226,091	100,784	65,226
ERR042863	<i>S. flexneri</i>	Connor2015	3,468,989	3,071,305	237,492	95,746	64,446
ERR047236	<i>S. flexneri</i>	Connor2015	5,590,046	4,931,824	369,648	174,933	113,641
ERR047239	<i>S. flexneri</i>	Connor2015	4,894,791	4,315,478	333,423	142,534	103,356
ERR047294	<i>S. flexneri</i>	Connor2015	5,343,621	4,491,228	414,491	270,685	167,217
ERR047297	<i>S. flexneri</i>	Connor2015	5,265,033	4,427,216	410,255	262,761	164,801
ERR047306	<i>S. flexneri</i>	Connor2015	2,626,196	2,206,426	211,199	126,068	82,503
ERR047307	<i>S. flexneri</i>	Connor2015	6,836,534	5,735,739	546,972	335,763	218,060
ERR047372	<i>S. flexneri</i>	Connor2015	6,151,624	4,551,603	877,506	348,083	374,432
ERR047396	<i>S. flexneri</i>	Connor2015	9,925,315	7,161,340	1,571,853	521,260	670,862
ERR047406	<i>S. flexneri</i>	Connor2015	2,172,757	1,727,276	243,125	107,415	94,941
ERR048234	<i>S. flexneri</i>	Connor2015	5,080,509	4,634,860	202,201	163,326	80,122
ERR048246	<i>S. flexneri</i>	Connor2015	6,064,789	5,551,328	221,709	198,686	93,066

ERR048259	<i>S. flexneri</i>	Connor2015	6,321,411	6,009,671	205,480	61,695	44,565
ERR048261	<i>S. flexneri</i>	Connor2015	6,144,544	5,794,930	231,009	73,345	45,260
ERR048265	<i>S. flexneri</i>	Connor2015	4,896,731	4,642,466	168,772	47,880	37,613
ERR048285	<i>S. flexneri</i>	Connor2015	5,599,862	5,283,998	194,590	66,862	54,412
ERR048286	<i>S. flexneri</i>	Connor2015	4,846,679	4,591,186	154,334	57,332	43,827
ERR048287	<i>S. flexneri</i>	Connor2015	5,293,614	5,007,899	172,322	65,663	47,730
ERR048288	<i>S. flexneri</i>	Connor2015	4,711,512	4,457,944	154,935	56,142	42,491
ERR048290	<i>S. flexneri</i>	Connor2015	6,504,135	6,137,470	220,429	87,677	58,559
ERR048295	<i>S. flexneri</i>	Connor2015	5,498,327	5,210,665	176,816	61,575	49,271
ERR048296	<i>S. flexneri</i>	Connor2015	6,079,064	5,822,210	159,229	57,843	39,782
ERR048300	<i>S. flexneri</i>	Connor2015	5,632,013	5,393,155	153,272	47,957	37,629
ERR048302	<i>S. flexneri</i>	Connor2015	2,014,889	1,931,091	52,916	17,636	13,246
ERR048304	<i>S. flexneri</i>	Connor2015	5,222,850	4,984,477	146,366	54,519	37,488
ERR048306	<i>S. flexneri</i>	Connor2015	5,181,072	4,957,469	141,322	46,906	35,375
ERR048311	<i>S. flexneri</i>	Connor2015	5,723,095	5,477,800	155,262	50,982	39,051
ERR048312	<i>S. flexneri</i>	Connor2015	5,608,447	5,375,858	145,921	49,807	36,861
ERR048313	<i>S. flexneri</i>	Connor2015	5,382,635	5,138,568	159,608	45,891	38,568
ERR048315	<i>S. flexneri</i>	Connor2015	3,541,498	3,376,219	104,181	37,383	23,715
ERR048316	<i>S. flexneri</i>	Connor2015	5,789,756	5,515,205	171,415	62,113	41,023
ERR048317	<i>S. flexneri</i>	Connor2015	3,683,651	3,520,490	103,923	33,097	26,141
ERR048319	<i>S. flexneri</i>	Connor2015	4,483,061	4,257,908	142,667	46,901	35,585
ERR048320	<i>S. flexneri</i>	Connor2015	6,026,596	5,728,588	190,876	59,595	47,537
ERR048322	<i>S. flexneri</i>	Connor2015	5,956,431	5,636,770	207,718	62,734	49,209
ERR048329	<i>S. flexneri</i>	Connor2015	4,387,202	4,161,734	144,653	44,109	36,706
ERR048331	<i>S. flexneri</i>	Connor2015	4,460,857	4,246,142	136,656	43,991	34,068
ERR048332	<i>S. flexneri</i>	Connor2015	5,875,054	5,573,094	193,625	60,455	47,880
ERR048333	<i>S. flexneri</i>	Connor2015	7,267,972	6,910,763	225,247	74,289	57,673
ERR048334	<i>S. flexneri</i>	Connor2015	6,118,520	5,828,481	183,661	61,300	45,078
ERR048339	<i>S. flexneri</i>	Connor2015	7,034,272	6,683,900	227,303	66,545	56,524
ERR049152	<i>S. flexneri</i>	Connor2015	15,872,102	14,110,217	730,728	672,984	358,173
ERR126958	<i>S. flexneri</i>	Connor2015	2,580,305	2,435,948	102,675	26,144	15,538
ERR127015	<i>S. flexneri</i>	Connor2015	3,268,542	3,093,570	112,448	42,793	19,731
ERR127017	<i>S. flexneri</i>	Connor2015	2,746,340	2,593,674	99,240	35,798	17,628
ERR127019	<i>S. flexneri</i>	Connor2015	2,857,739	2,707,838	95,749	36,887	17,265
ERR127032	<i>S. flexneri</i>	Connor2015	2,960,191	2,807,994	95,248	40,208	16,741
ERR127034	<i>S. flexneri</i>	Connor2015	3,043,011	2,877,331	107,764	40,586	17,330
ERR127035	<i>S. flexneri</i>	Connor2015	2,834,988	2,683,968	96,927	37,190	16,903
ERR127036	<i>S. flexneri</i>	Connor2015	2,640,189	2,500,543	89,253	35,264	15,129
ERR127037	<i>S. flexneri</i>	Connor2015	2,592,103	2,454,671	89,274	32,956	15,202
ERR127038	<i>S. flexneri</i>	Connor2015	2,734,181	2,591,832	90,599	36,296	15,454
ERR127039	<i>S. flexneri</i>	Connor2015	3,190,505	3,022,448	106,525	42,894	18,638
ERR127040	<i>S. flexneri</i>	Connor2015	3,120,671	2,956,878	103,278	43,022	17,493
ERR127041	<i>S. flexneri</i>	Connor2015	2,764,632	2,616,278	94,572	37,238	16,544
ERR127042	<i>S. flexneri</i>	Connor2015	2,856,174	2,707,681	93,962	38,415	16,116
ERR127043	<i>S. flexneri</i>	Connor2015	2,866,238	2,713,540	97,727	38,451	16,520
ERR127044	<i>S. flexneri</i>	Connor2015	2,762,846	2,624,589	87,451	35,956	14,850
ERR127046	<i>S. flexneri</i>	Connor2015	8,633,405	8,169,771	319,007	90,916	53,711
ERR127047	<i>S. flexneri</i>	Connor2015	9,254,269	8,753,246	345,648	95,593	59,782
ERR127048	<i>S. flexneri</i>	Connor2015	11,985,789	11,312,073	467,437	125,948	80,331
ERR200344	<i>S. flexneri</i>	Connor2015	1,678,942	1,618,223	49,301	6,212	5,206

ERR200360	<i>S. flexneri</i>	Connor2015	2,091,430	2,006,692	66,828	10,440	7,470
ERR200365	<i>S. flexneri</i>	Connor2015	2,106,014	2,022,048	65,580	10,775	7,611
ERR200370	<i>S. flexneri</i>	Connor2015	2,102,644	2,017,796	66,715	10,901	7,232
ERR200378	<i>S. flexneri</i>	Connor2015	2,120,614	2,042,583	60,212	10,709	7,110
ERR200379	<i>S. flexneri</i>	Connor2015	1,249,225	1,202,392	36,361	6,611	3,861
ERR200390	<i>S. flexneri</i>	Connor2015	1,905,186	1,821,835	66,263	9,442	7,646
ERR200392	<i>S. flexneri</i>	Connor2015	2,384,791	2,290,939	74,039	11,540	8,273
ERR200393	<i>S. flexneri</i>	Connor2015	1,274,546	1,227,462	36,011	6,830	4,243
ERR200402	<i>S. flexneri</i>	Connor2015	1,730,147	1,657,788	57,348	8,484	6,527
ERR200403	<i>S. flexneri</i>	Connor2015	1,307,013	1,252,753	42,769	6,623	4,868
ERR200405	<i>S. flexneri</i>	Connor2015	1,503,673	1,441,446	49,077	7,781	5,369
ERR200413	<i>S. flexneri</i>	Connor2015	1,578,641	1,517,360	47,435	8,312	5,534
ERR200414	<i>S. flexneri</i>	Connor2015	1,343,923	1,290,688	41,449	6,900	4,886
ERR200415	<i>S. flexneri</i>	Connor2015	2,794,820	2,679,747	90,645	14,260	10,168
ERR217012	<i>S. flexneri</i>	Connor2015	1,629,933	1,572,027	42,332	10,318	5,256
ERR217013	<i>S. flexneri</i>	Connor2015	1,273,537	1,240,575	20,030	9,727	3,205
ERR217015	<i>S. flexneri</i>	Connor2015	1,961,426	1,892,615	49,925	12,675	6,211
ERR217016	<i>S. flexneri</i>	Connor2015	2,115,892	2,042,422	53,036	13,821	6,613
ERR217022	<i>S. flexneri</i>	Connor2015	1,470,096	1,410,945	44,848	9,186	5,117
ERR217023	<i>S. flexneri</i>	Connor2015	1,603,306	1,533,546	53,715	10,366	5,679
ERR217024	<i>S. flexneri</i>	Connor2015	1,292,730	1,242,091	37,894	8,197	4,548
ERR217026	<i>S. flexneri</i>	Connor2015	1,450,001	1,394,461	41,264	9,248	5,028
ERR217028	<i>S. flexneri</i>	Connor2015	1,230,718	1,187,523	30,764	8,363	4,068
ERR217030	<i>S. flexneri</i>	Connor2015	1,154,036	1,106,095	36,248	7,370	4,323
ERR217031	<i>S. flexneri</i>	Connor2015	1,609,073	1,547,507	45,647	10,334	5,585
ERR217032	<i>S. flexneri</i>	Connor2015	1,015,786	966,428	38,908	6,209	4,241
ERR217033	<i>S. flexneri</i>	Connor2015	1,988,914	1,912,379	56,416	13,236	6,883
ERR217047	<i>S. flexneri</i>	Connor2015	1,163,347	1,108,730	42,355	7,713	4,549
ERR217080	<i>S. flexneri</i>	Connor2015	4,265,982	4,115,807	108,306	28,323	13,546
ERR217081	<i>S. flexneri</i>	Connor2015	1,545,688	1,489,886	40,647	10,249	4,906
ERR217084	<i>S. flexneri</i>	Connor2015	1,695,512	1,638,331	40,742	11,322	5,117
ERR559526	<i>S. flexneri</i>	Connor2015	1,154,823	1,069,423	67,365	7,468	10,567
ERR832453	<i>S. flexneri</i>	Connor2015	2,215,582	2,122,274	68,486	15,570	9,252
ERR832456	<i>S. flexneri</i>	Connor2015	2,387,788	2,285,655	75,071	16,694	10,368
ERR832457	<i>S. flexneri</i>	Connor2015	2,749,942	2,631,643	86,480	19,542	12,277
ERR832459	<i>S. flexneri</i>	Connor2015	2,679,853	2,564,216	85,492	18,403	11,742
ERR832460	<i>S. flexneri</i>	Connor2015	2,665,298	2,552,882	82,670	18,488	11,258
ERR832461	<i>S. flexneri</i>	Connor2015	2,509,462	2,397,424	82,690	17,794	11,554
ERR832462	<i>S. flexneri</i>	Connor2015	2,656,735	2,542,736	83,469	18,669	11,861
ERR832464	<i>S. flexneri</i>	Connor2015	2,154,943	2,027,716	96,687	16,166	14,374
ERR832465	<i>S. flexneri</i>	Connor2015	2,547,321	2,433,186	85,141	17,491	11,503
ERR832467	<i>S. flexneri</i>	Connor2015	2,463,007	2,356,015	78,354	18,369	10,269
ERR832468	<i>S. flexneri</i>	Connor2015	2,867,001	2,750,131	85,105	20,068	11,697
ERR832470	<i>S. flexneri</i>	Connor2015	2,830,562	2,710,804	88,669	19,820	11,269
ERR832471	<i>S. flexneri</i>	Connor2015	2,640,106	2,525,927	84,382	18,381	11,416
ERR832473	<i>S. flexneri</i>	Connor2015	2,543,396	2,440,013	75,076	18,148	10,159
ERR832474	<i>S. flexneri</i>	Connor2015	3,028,429	2,908,585	87,721	20,466	11,657
ERR832477	<i>S. flexneri</i>	Connor2015	2,629,715	2,529,967	72,110	18,030	9,608
ERR832480	<i>S. flexneri</i>	Connor2015	2,330,007	2,235,733	68,982	15,964	9,328
ERR832481	<i>S. flexneri</i>	Connor2015	2,986,181	2,874,015	80,818	20,402	10,946

ERR832483	<i>S. flexneri</i>	Connor2015	2,914,696	2,803,823	81,048	19,206	10,619
ERR832485	<i>S. flexneri</i>	Connor2015	2,704,496	2,600,641	74,450	18,982	10,423
ERR832486	<i>S. flexneri</i>	Connor2015	2,463,206	2,369,812	68,322	16,371	8,701
ERR832487	<i>S. flexneri</i>	Connor2015	2,599,866	2,494,836	77,271	17,958	9,801
ERR832489	<i>S. flexneri</i>	Connor2015	2,436,299	2,335,429	74,431	16,561	9,878
ERR832490	<i>S. flexneri</i>	Connor2015	2,375,466	2,276,298	74,312	15,209	9,647
ERR832491	<i>S. flexneri</i>	Connor2015	2,249,088	2,156,686	67,365	15,704	9,333
ERR832492	<i>S. flexneri</i>	Connor2015	2,612,677	2,503,353	79,307	19,064	10,953
ERR832494	<i>S. flexneri</i>	Connor2015	2,221,230	2,135,369	61,592	15,713	8,556
S13BD00302	<i>S. flexneri</i>	NRC	511,893	446,439	57,019	2,525	5,910
S13BD00535	<i>S. flexneri</i>	NRC	275,687	222,976	46,414	1,359	4,938
S13BD00702	<i>S. flexneri</i>	NRC	736,715	642,687	82,298	3,199	8,531
S13BD00854	<i>S. flexneri</i>	NRC	720,185	654,716	55,722	4,195	5,552
S13BD01310	<i>S. flexneri</i>	NRC	697,952	630,948	58,038	3,430	5,536
S13BD01692	<i>S. flexneri</i>	NRC	496,294	449,012	39,157	3,742	4,383
S13BD02195	<i>S. flexneri</i>	NRC	454,726	407,518	39,840	3,178	4,190
S13BD02470	<i>S. flexneri</i>	NRC	527,175	470,382	50,118	2,227	4,448
S13BD03084	<i>S. flexneri</i>	NRC	841,760	752,945	80,870	2,170	5,775
S13BD04017	<i>S. flexneri</i>	NRC	677,168	617,333	53,620	2,062	4,153
S13BD04231	<i>S. flexneri</i>	NRC	336,081	290,618	39,447	1,619	4,397
S14BD00799	<i>S. flexneri</i>	NRC	862,376	774,006	77,795	3,552	7,023
S14BD01131	<i>S. flexneri</i>	NRC	691,381	613,574	71,466	1,599	4,742
S14BD01142	<i>S. flexneri</i>	NRC	1,166,163	1,087,372	70,074	3,378	5,339
S14BD01714	<i>S. flexneri</i>	NRC	589,662	529,394	54,493	1,584	4,191
S14BD02502	<i>S. flexneri</i>	NRC	685,542	640,393	38,569	2,194	4,386
S14BD02795	<i>S. flexneri</i>	NRC	1,056,566	940,550	103,052	4,956	8,008
S14BD05234	<i>S. flexneri</i>	NRC	340,055	215,051	99,309	8,881	16,814
S14BD05285	<i>S. flexneri</i>	NRC	427,038	322,602	86,095	6,672	11,669
S15BD00055	<i>S. flexneri</i>	NRC	349,435	279,708	51,089	9,116	9,522
S15BD00457	<i>S. flexneri</i>	NRC	632,861	456,899	149,280	6,677	20,005
S15BD00494	<i>S. flexneri</i>	NRC	626,492	478,017	115,101	12,978	20,396
S15BD02368	<i>S. flexneri</i>	NRC	696,036	510,254	156,511	9,147	20,124
S15BD02726	<i>S. flexneri</i>	NRC	615,604	575,082	34,630	2,129	3,763
S15BD02867	<i>S. flexneri</i>	NRC	762,654	684,255	65,067	6,063	7,269
S15BD04659	<i>S. flexneri</i>	NRC	697,200	483,034	183,882	7,545	22,739
S15BD05228	<i>S. flexneri</i>	NRC	587,731	511,231	66,679	2,651	7,170
S15BD06353	<i>S. flexneri</i>	NRC	501,544	447,520	48,819	1,447	3,758
S15BD06515	<i>S. flexneri</i>	NRC	211,394	141,990	62,106	1,602	5,696
S15BD08204	<i>S. flexneri</i>	NRC	629,861	581,533	42,082	2,003	4,243
S15BD08762	<i>S. flexneri</i>	NRC	768,420	636,161	115,686	3,707	12,866
S15BD09335	<i>S. flexneri</i>	NRC	776,411	730,114	39,678	2,525	4,094
S15BD09453	<i>S. flexneri</i>	NRC	636,726	584,470	46,619	1,940	3,697
S15BD09529	<i>S. flexneri</i>	NRC	144,496	113,325	26,704	1,030	3,437
S16BD00148	<i>S. flexneri</i>	NRC	348,079	287,754	51,848	2,419	6,058
S16BD00463	<i>S. flexneri</i>	NRC	334,163	230,988	92,988	1,840	8,347
S16BD01789	<i>S. flexneri</i>	NRC	471,997	433,576	33,335	1,727	3,359
S16BD01991	<i>S. flexneri</i>	NRC	888,669	795,499	83,629	2,207	7,334
S16BD02637	<i>S. flexneri</i>	NRC	540,538	479,765	54,840	1,345	4,588
S16BD02856	<i>S. flexneri</i>	NRC	521,870	472,269	43,920	1,559	4,122
S16BD03590	<i>S. flexneri</i>	NRC	404,822	278,973	113,163	2,547	10,139

S16BD03881	<i>S. flexneri</i>	NRC	365,627	257,943	96,036	2,580	9,068
S16BD04652	<i>S. flexneri</i>	NRC	599,841	555,121	38,660	2,168	3,892
S16BD07706	<i>S. flexneri</i>	NRC	454,895	401,685	47,824	1,123	4,263
S17BD00498	<i>S. flexneri</i>	NRC	548,579	521,681	22,334	2,133	2,431
S17BD00886	<i>S. flexneri</i>	NRC	459,664	431,997	23,242	1,975	2,450
S17BD02190	<i>S. flexneri</i>	NRC	560,479	535,068	20,389	2,498	2,524
S17BD02300	<i>S. flexneri</i>	NRC	493,413	471,759	17,195	2,503	1,956
S17BD03514	<i>S. flexneri</i>	NRC	375,321	351,014	21,468	1,058	1,781
S17BD04033	<i>S. flexneri</i>	NRC	602,611	547,644	48,628	1,669	4,670
S17BD04223	<i>S. flexneri</i>	NRC	470,188	439,110	27,206	1,329	2,543
S17BD04752	<i>S. flexneri</i>	NRC	454,909	429,134	22,872	996	1,907
S17BD06364	<i>S. flexneri</i>	NRC	674,116	616,280	50,879	2,152	4,805
S17BD07654	<i>S. flexneri</i>	NRC	651,375	598,312	46,857	1,898	4,308
S17BD08054	<i>S. flexneri</i>	NRC	542,382	514,565	23,066	2,166	2,585
S17BD08194	<i>S. flexneri</i>	NRC	434,942	399,373	31,336	1,387	2,846
S17BD08237	<i>S. flexneri</i>	NRC	562,049	534,550	22,510	2,407	2,582
S18BD00005	<i>S. flexneri</i>	NRC	524,166	492,256	27,633	1,674	2,603
S18BD00006	<i>S. flexneri</i>	NRC	497,809	468,054	25,506	1,724	2,525
S18BD01109	<i>S. flexneri</i>	NRC	383,148	347,039	30,925	2,041	3,143
S18BD01126	<i>S. flexneri</i>	NRC	493,475	467,614	21,342	2,194	2,325
S18BD01471	<i>S. flexneri</i>	NRC	463,957	439,038	20,954	1,787	2,178
ERR316291	<i>S. sonnei</i>	Baker2017	1,699,564	1,456,967	213,073	11,774	17,750
ERR316299	<i>S. sonnei</i>	Baker2017	2,409,018	2,154,994	217,759	15,731	20,534
ERR316306	<i>S. sonnei</i>	Baker2017	2,299,102	2,159,975	107,981	16,075	15,071
ERR024604	<i>S. sonnei</i>	Holt2012	1,175,438	1,010,377	106,822	28,577	29,662
ERR024605	<i>S. sonnei</i>	Holt2012	3,337,272	2,950,114	223,803	84,968	78,387
ERR024606	<i>S. sonnei</i>	Holt2012	3,590,909	3,195,400	216,482	91,240	87,787
ERR024607	<i>S. sonnei</i>	Holt2012	2,668,107	2,343,460	190,392	68,548	65,707
ERR024608	<i>S. sonnei</i>	Holt2012	3,988,300	3,474,731	315,443	98,528	99,598
ERR024609	<i>S. sonnei</i>	Holt2012	3,609,528	3,182,800	250,336	88,769	87,623
ERR024610	<i>S. sonnei</i>	Holt2012	2,406,375	2,126,284	165,835	58,831	55,425
ERR024611	<i>S. sonnei</i>	Holt2012	2,014,908	1,798,189	115,215	54,908	46,596
ERR024612	<i>S. sonnei</i>	Holt2012	2,160,326	1,917,619	133,384	58,011	51,312
ERR024616	<i>S. sonnei</i>	Holt2012	2,676,024	2,350,715	188,905	74,648	61,756
ERR024617	<i>S. sonnei</i>	Holt2012	2,587,188	2,297,120	161,184	69,510	59,374
ERR024618	<i>S. sonnei</i>	Holt2012	2,256,242	1,980,405	159,321	61,395	55,121
ERR024619	<i>S. sonnei</i>	Holt2012	1,672,595	1,484,136	103,125	46,745	38,589
ERR024620	<i>S. sonnei</i>	Holt2012	2,318,878	1,992,183	203,526	63,405	59,764
ERR024621	<i>S. sonnei</i>	Holt2012	2,487,954	2,196,270	166,458	66,308	58,918
ERR024622	<i>S. sonnei</i>	Holt2012	2,749,119	2,415,379	195,075	72,680	65,985
ERR024625	<i>S. sonnei</i>	Holt2012	1,830,508	1,593,838	141,176	50,348	45,146
ERR024626	<i>S. sonnei</i>	Holt2012	2,216,786	1,957,664	146,294	60,884	51,944
ERR024627	<i>S. sonnei</i>	Holt2012	2,176,527	1,928,782	136,061	61,776	49,908
ERR025682	<i>S. sonnei</i>	Holt2012	2,392,044	1,849,852	455,558	36,046	50,588
ERR025683	<i>S. sonnei</i>	Holt2012	2,075,960	1,518,621	474,736	31,136	51,467
ERR025685	<i>S. sonnei</i>	Holt2012	2,725,289	2,377,260	265,742	45,426	36,861
ERR025686	<i>S. sonnei</i>	Holt2012	2,778,905	2,232,002	444,944	44,366	57,593
ERR025687	<i>S. sonnei</i>	Holt2012	2,106,468	1,623,179	407,302	31,524	44,463
ERR025689	<i>S. sonnei</i>	Holt2012	2,172,655	1,523,985	558,648	33,569	56,453
ERR025690	<i>S. sonnei</i>	Holt2012	1,708,772	1,396,055	255,817	26,342	30,558

ERR025691	<i>S. sonnei</i>	Holt2012	2,417,644	1,957,762	363,961	49,543	46,378
ERR025692	<i>S. sonnei</i>	Holt2012	2,640,217	2,010,888	528,468	39,884	60,977
ERR025693	<i>S. sonnei</i>	Holt2012	2,527,577	2,053,776	388,002	39,337	46,462
ERR025695	<i>S. sonnei</i>	Holt2012	1,489,327	1,219,011	228,687	18,208	23,421
ERR025697	<i>S. sonnei</i>	Holt2012	1,610,234	1,323,564	238,369	21,262	27,039
ERR025698	<i>S. sonnei</i>	Holt2012	2,933,409	2,629,564	234,799	37,834	31,212
ERR025699	<i>S. sonnei</i>	Holt2012	2,841,022	2,373,235	385,468	36,889	45,430
ERR025700	<i>S. sonnei</i>	Holt2012	1,633,451	1,262,391	320,569	19,583	30,908
ERR025701	<i>S. sonnei</i>	Holt2012	2,517,832	2,066,296	379,842	31,946	39,748
ERR025702	<i>S. sonnei</i>	Holt2012	1,578,030	1,240,602	288,745	20,110	28,573
ERR025703	<i>S. sonnei</i>	Holt2012	2,077,567	1,833,391	192,141	26,856	25,179
ERR025704	<i>S. sonnei</i>	Holt2012	1,905,660	1,615,727	230,492	32,313	27,128
ERR025705	<i>S. sonnei</i>	Holt2012	2,290,854	1,906,358	320,703	28,715	35,078
ERR025706	<i>S. sonnei</i>	Holt2012	2,012,650	1,652,702	302,694	24,606	32,648
ERR025708	<i>S. sonnei</i>	Holt2012	1,221,173	830,621	336,856	19,399	34,297
ERR025709	<i>S. sonnei</i>	Holt2012	2,135,245	1,278,673	754,688	29,654	72,230
ERR025710	<i>S. sonnei</i>	Holt2012	2,464,277	1,639,444	711,346	37,872	75,615
ERR025711	<i>S. sonnei</i>	Holt2012	3,714,081	3,028,537	544,597	69,475	71,472
ERR025712	<i>S. sonnei</i>	Holt2012	3,610,064	2,642,841	807,325	61,788	98,110
ERR025713	<i>S. sonnei</i>	Holt2012	3,331,168	2,405,865	784,717	55,320	85,266
ERR025714	<i>S. sonnei</i>	Holt2012	2,448,287	1,532,296	802,118	35,880	77,993
ERR025715	<i>S. sonnei</i>	Holt2012	2,248,626	1,274,884	867,574	29,452	76,716
ERR025716	<i>S. sonnei</i>	Holt2012	3,174,339	2,571,142	480,873	59,257	63,067
ERR025717	<i>S. sonnei</i>	Holt2012	2,886,627	2,104,183	650,304	53,099	79,041
ERR025718	<i>S. sonnei</i>	Holt2012	3,188,177	2,365,980	688,725	54,456	79,016
ERR025719	<i>S. sonnei</i>	Holt2012	3,166,379	2,173,895	852,744	50,167	89,573
ERR025721	<i>S. sonnei</i>	Holt2012	2,159,627	1,623,448	448,775	33,005	54,399
ERR025724	<i>S. sonnei</i>	Holt2012	2,763,615	2,388,766	288,728	42,999	43,122
ERR025725	<i>S. sonnei</i>	Holt2012	2,519,956	1,976,885	439,799	39,707	63,565
ERR025726	<i>S. sonnei</i>	Holt2012	2,197,147	1,729,607	385,135	34,158	48,247
ERR025727	<i>S. sonnei</i>	Holt2012	2,460,594	1,846,233	509,037	41,139	64,185
ERR025729	<i>S. sonnei</i>	Holt2012	1,956,135	1,615,831	273,480	30,386	36,438
ERR025730	<i>S. sonnei</i>	Holt2012	1,793,362	1,334,482	363,833	44,845	50,202
ERR025731	<i>S. sonnei</i>	Holt2012	2,114,883	1,639,791	388,738	33,868	52,486
ERR025732	<i>S. sonnei</i>	Holt2012	9,183,277	7,053,222	1,741,655	148,392	240,008
ERR025734	<i>S. sonnei</i>	Holt2012	3,557,919	2,857,184	534,642	72,869	93,224
ERR025735	<i>S. sonnei</i>	Holt2012	2,214,773	1,732,880	366,371	50,987	64,535
ERR025737	<i>S. sonnei</i>	Holt2012	2,931,394	2,316,042	464,403	62,199	88,750
ERR025738	<i>S. sonnei</i>	Holt2012	3,165,581	2,435,109	565,724	69,715	95,033
ERR025741	<i>S. sonnei</i>	Holt2012	2,655,178	2,215,611	323,380	56,188	59,999
ERR025742	<i>S. sonnei</i>	Holt2012	2,740,406	2,202,285	379,365	87,274	71,482
ERR025743	<i>S. sonnei</i>	Holt2012	3,080,426	2,466,474	462,173	66,187	85,592
ERR025744	<i>S. sonnei</i>	Holt2012	2,795,511	2,171,408	473,140	64,527	86,436
ERR025746	<i>S. sonnei</i>	Holt2012	4,101,207	3,069,751	873,338	59,419	98,699
ERR025747	<i>S. sonnei</i>	Holt2012	2,415,202	1,660,717	654,316	32,791	67,378
ERR025749	<i>S. sonnei</i>	Holt2012	4,060,301	2,940,665	946,456	57,328	115,852
ERR025750	<i>S. sonnei</i>	Holt2012	3,021,931	2,245,326	657,841	43,636	75,128
ERR025751	<i>S. sonnei</i>	Holt2012	1,996,064	1,340,784	570,564	26,734	57,982
ERR025752	<i>S. sonnei</i>	Holt2012	2,448,503	1,331,774	1,002,931	27,860	85,938
ERR025753	<i>S. sonnei</i>	Holt2012	3,589,582	2,917,549	545,137	56,725	70,171

ERR025754	<i>S. sonnei</i>	Holt2012	3,204,173	2,249,802	801,594	55,637	97,140
ERR025755	<i>S. sonnei</i>	Holt2012	4,042,513	2,824,464	1,040,036	55,935	122,078
ERR025756	<i>S. sonnei</i>	Holt2012	3,203,923	2,173,145	891,265	42,560	96,953
ERR025758	<i>S. sonnei</i>	Holt2012	3,945,730	2,970,933	817,130	58,868	98,799
ERR025759	<i>S. sonnei</i>	Holt2012	3,399,624	2,179,700	1,054,020	48,774	117,130
ERR025761	<i>S. sonnei</i>	Holt2012	3,566,648	2,941,442	495,155	57,512	72,539
ERR025762	<i>S. sonnei</i>	Holt2012	2,981,763	2,347,604	521,564	46,423	66,172
ERR025763	<i>S. sonnei</i>	Holt2012	2,297,222	1,488,459	697,143	34,205	77,415
ERR025765	<i>S. sonnei</i>	Holt2012	2,777,114	2,252,740	427,438	43,737	53,199
ERR025767	<i>S. sonnei</i>	Holt2012	4,473,018	3,289,330	985,263	69,013	129,412
ERR025768	<i>S. sonnei</i>	Holt2012	2,506,199	1,819,895	576,681	37,602	72,021
ERR028671	<i>S. sonnei</i>	Holt2012	872,883	788,357	76,550	4,806	3,170
ERR028672	<i>S. sonnei</i>	Holt2012	1,169,414	1,047,039	111,445	6,464	4,466
ERR028673	<i>S. sonnei</i>	Holt2012	8,557,096	7,570,093	900,238	46,264	40,501
ERR028674	<i>S. sonnei</i>	Holt2012	2,717,175	2,414,003	277,183	15,043	10,946
ERR028675	<i>S. sonnei</i>	Holt2012	1,164,838	1,045,456	108,366	6,424	4,592
ERR028676	<i>S. sonnei</i>	Holt2012	1,857,716	1,686,610	153,910	10,189	7,007
ERR028677	<i>S. sonnei</i>	Holt2012	1,140,287	1,010,967	118,353	6,117	4,850
ERR028678	<i>S. sonnei</i>	Holt2012	870,782	782,641	80,148	4,813	3,180
ERR028679	<i>S. sonnei</i>	Holt2012	1,492,095	1,381,516	97,213	8,276	5,090
ERR028680	<i>S. sonnei</i>	Holt2012	1,062,538	929,075	123,086	5,570	4,807
ERR028681	<i>S. sonnei</i>	Holt2012	827,528	725,208	94,362	4,490	3,468
ERR028684	<i>S. sonnei</i>	Holt2012	2,239,763	2,092,860	126,121	12,712	8,070
ERR028685	<i>S. sonnei</i>	Holt2012	3,417,308	3,193,232	191,614	19,791	12,671
ERR028686	<i>S. sonnei</i>	Holt2012	1,402,588	1,302,795	85,081	8,860	5,852
ERR028687	<i>S. sonnei</i>	Holt2012	2,303,980	2,157,377	124,885	13,575	8,143
ERR028688	<i>S. sonnei</i>	Holt2012	1,761,693	1,614,635	128,746	10,756	7,556
ERR028689	<i>S. sonnei</i>	Holt2012	3,104,904	2,913,529	162,452	17,613	11,310
ERR028690	<i>S. sonnei</i>	Holt2012	1,497,909	1,393,171	90,146	8,767	5,825
ERR028691	<i>S. sonnei</i>	Holt2012	1,048,827	973,610	65,233	6,082	3,902
ERR028692	<i>S. sonnei</i>	Holt2012	2,461,815	2,296,810	141,047	14,418	9,540
ERR028693	<i>S. sonnei</i>	Holt2012	1,818,972	1,690,229	111,133	10,428	7,182
ERR028694	<i>S. sonnei</i>	Holt2012	1,972,334	1,816,571	135,724	11,980	8,059
ERR028695	<i>S. sonnei</i>	Holt2012	2,510,481	2,329,108	156,845	14,681	9,847
ERR028697	<i>S. sonnei</i>	Holt2012	4,648,002	4,178,061	370,490	52,529	46,922
ERR028699	<i>S. sonnei</i>	Holt2012	6,048,951	5,443,502	474,147	69,690	61,612
ERR028700	<i>S. sonnei</i>	Holt2012	3,143,513	2,824,565	250,354	36,142	32,452
ERR028702	<i>S. sonnei</i>	Holt2012	6,657,688	5,937,652	569,856	78,003	72,177
ERR028703	<i>S. sonnei</i>	Holt2012	7,243,136	6,547,669	543,327	78,276	73,864
ERR028704	<i>S. sonnei</i>	Holt2012	4,199,270	3,770,364	333,257	50,891	44,758
ERR028705	<i>S. sonnei</i>	Holt2012	4,219,763	3,739,210	387,058	48,063	45,432
ERR028706	<i>S. sonnei</i>	Holt2012	2,410,007	2,163,591	194,401	26,558	25,457
S13BD00834	<i>S. sonnei</i>	NRC	665,860	589,614	64,543	4,231	7,472
S13BD00906	<i>S. sonnei</i>	NRC	1,225,150	1,093,374	118,057	5,367	8,352
S13BD02106	<i>S. sonnei</i>	NRC	507,005	442,188	56,291	2,456	6,070
S13BD02107	<i>S. sonnei</i>	NRC	489,395	430,560	51,848	1,885	5,102
S13BD02670	<i>S. sonnei</i>	NRC	494,486	427,831	59,111	1,830	5,714
S13BD02671	<i>S. sonnei</i>	NRC	694,810	600,609	83,764	2,382	8,055
S13BD03196	<i>S. sonnei</i>	NRC	591,614	528,955	53,871	2,941	5,847
S13BD03288	<i>S. sonnei</i>	NRC	695,339	626,053	58,504	4,172	6,610

S13BD03539	<i>S. sonnei</i>	NRC	512,773	462,646	42,346	3,097	4,684
S13BD04360	<i>S. sonnei</i>	NRC	708,996	644,209	55,275	3,523	5,989
S14BD00913	<i>S. sonnei</i>	NRC	812,374	728,190	72,944	3,718	7,522
S14BD03054	<i>S. sonnei</i>	NRC	607,166	548,271	49,960	3,677	5,258
S14BD03397	<i>S. sonnei</i>	NRC	847,067	605,602	207,714	8,840	24,911
S14BD03573	<i>S. sonnei</i>	NRC	567,051	411,200	132,078	6,582	17,191
S14BD04882	<i>S. sonnei</i>	NRC	563,557	408,393	131,255	5,579	18,330
S14BD04971	<i>S. sonnei</i>	NRC	459,247	404,286	47,027	2,616	5,318
S14BD05043	<i>S. sonnei</i>	NRC	425,034	309,262	90,806	11,160	13,806
S15BD00569	<i>S. sonnei</i>	NRC	560,278	390,719	145,210	5,371	18,978
S15BD00797	<i>S. sonnei</i>	NRC	433,514	295,550	124,047	2,650	11,267
S15BD00889	<i>S. sonnei</i>	NRC	610,293	467,493	109,892	15,631	17,277
S15BD00932	<i>S. sonnei</i>	NRC	350,440	262,998	68,393	7,462	11,587
S15BD01283	<i>S. sonnei</i>	NRC	933,186	679,610	209,246	14,972	29,358
S15BD02324	<i>S. sonnei</i>	NRC	566,435	493,564	63,262	2,558	7,051
S15BD02325	<i>S. sonnei</i>	NRC	669,687	524,975	112,692	14,308	17,712
S15BD02326	<i>S. sonnei</i>	NRC	689,690	510,847	150,604	7,572	20,667
S15BD02407	<i>S. sonnei</i>	NRC	1,025,313	908,212	106,144	3,809	7,148
S15BD02515	<i>S. sonnei</i>	NRC	817,762	738,639	67,630	5,159	6,334
S15BD02737	<i>S. sonnei</i>	NRC	538,256	395,606	115,901	7,158	19,591
S15BD02979	<i>S. sonnei</i>	NRC	372,927	306,923	58,206	1,637	6,161
S15BD02995	<i>S. sonnei</i>	NRC	1,044,555	792,596	206,503	17,747	27,709
S15BD03192	<i>S. sonnei</i>	NRC	368,909	270,720	82,297	4,636	11,256
S15BD03801	<i>S. sonnei</i>	NRC	370,218	278,619	72,911	6,325	12,363
S15BD03806	<i>S. sonnei</i>	NRC	744,297	647,750	86,421	2,908	7,218
S15BD03807	<i>S. sonnei</i>	NRC	584,805	448,873	103,677	15,739	16,516
S15BD03808	<i>S. sonnei</i>	NRC	509,450	458,476	44,020	2,520	4,434
S15BD03850	<i>S. sonnei</i>	NRC	483,470	421,779	52,852	2,630	6,209
S15BD04030	<i>S. sonnei</i>	NRC	660,699	575,152	74,856	2,712	7,979
S15BD04031	<i>S. sonnei</i>	NRC	579,817	434,286	119,833	8,677	17,021
S15BD04165	<i>S. sonnei</i>	NRC	621,042	439,565	156,119	5,486	19,872
S15BD04166	<i>S. sonnei</i>	NRC	381,103	319,494	54,742	1,532	5,335
S15BD04402	<i>S. sonnei</i>	NRC	810,414	759,808	42,990	3,084	4,532
S15BD04792	<i>S. sonnei</i>	NRC	298,606	228,008	55,101	5,974	9,523
S15BD04848	<i>S. sonnei</i>	NRC	436,934	325,930	91,478	6,098	13,428
S15BD05940	<i>S. sonnei</i>	NRC	420,762	326,184	77,293	6,560	10,725
S15BD06471	<i>S. sonnei</i>	NRC	476,891	368,472	87,041	7,013	14,365
S15BD07017	<i>S. sonnei</i>	NRC	624,738	538,367	76,099	2,508	7,764
S15BD07161	<i>S. sonnei</i>	NRC	751,196	633,238	103,377	4,137	10,444
S15BD07522	<i>S. sonnei</i>	NRC	777,583	653,327	109,117	4,247	10,892
S15BD09124	<i>S. sonnei</i>	NRC	327,116	265,856	52,160	2,741	6,359
S15BD09162	<i>S. sonnei</i>	NRC	771,279	649,507	105,469	5,323	10,980
S15BD09356	<i>S. sonnei</i>	NRC	331,434	223,553	97,345	2,016	8,520
S15BD09628	<i>S. sonnei</i>	NRC	692,935	586,919	93,320	4,388	8,308
S15BD09656	<i>S. sonnei</i>	NRC	785,225	659,045	110,444	4,908	10,828
S15BD10104	<i>S. sonnei</i>	NRC	496,927	405,143	79,687	2,792	9,305
S15BD10108	<i>S. sonnei</i>	NRC	609,791	494,587	99,950	3,224	12,030
S15BD10196	<i>S. sonnei</i>	NRC	1,057,861	886,099	150,585	6,955	14,222
S15BD10296	<i>S. sonnei</i>	NRC	456,599	390,420	54,657	4,431	7,091
S16BD00285	<i>S. sonnei</i>	NRC	378,514	252,042	114,598	2,218	9,656

S16BD00582	<i>S. sonnei</i>	NRC	299,318	216,249	71,844	3,187	8,038
S16BD00590	<i>S. sonnei</i>	NRC	548,940	282,132	252,213	2,299	12,296
S16BD00864	<i>S. sonnei</i>	NRC	196,310	113,627	75,496	908	6,279
S16BD01339	<i>S. sonnei</i>	NRC	468,821	283,024	173,229	2,286	10,282
S16BD01740	<i>S. sonnei</i>	NRC	268,858	182,297	78,016	1,404	7,141
S16BD01790	<i>S. sonnei</i>	NRC	288,894	195,810	84,560	1,433	7,091
S16BD02550	<i>S. sonnei</i>	NRC	134,744	80,933	48,520	683	4,608
S16BD02574	<i>S. sonnei</i>	NRC	280,975	190,562	80,827	1,896	7,690
S16BD03340	<i>S. sonnei</i>	NRC	358,671	261,823	82,637	5,175	9,036
S16BD04069	<i>S. sonnei</i>	NRC	384,392	264,517	108,723	2,187	8,965
S17BD01977	<i>S. sonnei</i>	NRC	258,963	227,521	26,878	2,369	2,195
S17BD02088	<i>S. sonnei</i>	NRC	425,595	380,404	39,995	1,409	3,787
S17BD02164	<i>S. sonnei</i>	NRC	908,385	863,828	36,792	3,770	3,995
S17BD02526	<i>S. sonnei</i>	NRC	910,177	853,360	48,684	3,164	4,969
S17BD02897	<i>S. sonnei</i>	NRC	422,435	401,805	18,022	1,027	1,581
S17BD03513	<i>S. sonnei</i>	NRC	363,205	339,574	20,375	904	2,352
S17BD04438	<i>S. sonnei</i>	NRC	393,957	368,457	22,037	1,205	2,258
S17BD06426	<i>S. sonnei</i>	NRC	441,554	407,795	29,709	1,324	2,726
S17BD06464	<i>S. sonnei</i>	NRC	652,205	615,872	30,570	2,697	3,066
S17BD06759	<i>S. sonnei</i>	NRC	448,112	420,690	23,920	917	2,585
S17BD06760	<i>S. sonnei</i>	NRC	544,251	523,754	15,916	2,683	1,898
S17BD06799	<i>S. sonnei</i>	NRC	526,115	497,904	24,081	1,725	2,405
S17BD06801	<i>S. sonnei</i>	NRC	513,996	490,095	20,035	1,844	2,022
S17BD07774	<i>S. sonnei</i>	NRC	517,048	485,712	27,342	1,629	2,365
S17BD07961	<i>S. sonnei</i>	NRC	454,107	425,143	24,168	2,099	2,697
S18BD00011	<i>S. sonnei</i>	NRC	448,713	394,290	49,400	1,012	4,011
S18BD00105	<i>S. sonnei</i>	NRC	658,681	621,584	31,137	2,437	3,523
S18BD00654	<i>S. sonnei</i>	NRC	423,860	392,619	26,233	2,357	2,651
S18BD01122	<i>S. sonnei</i>	NRC	337,453	311,257	23,197	889	2,110
S18BD01231	<i>S. sonnei</i>	NRC	626,882	592,529	29,142	2,200	3,011
S18BD01685	<i>S. sonnei</i>	NRC	452,961	420,698	28,382	1,273	2,608
S18BD01986	<i>S. sonnei</i>	NRC	602,962	566,665	30,728	2,299	3,270
S18BD02200	<i>S. sonnei</i>	NRC	528,773	477,597	45,792	1,643	3,741
ERR586833	<i>S. sonnei</i>	The2018	2,515,490	2,244,949	147,382	62,092	61,067
ERR586837	<i>S. sonnei</i>	The2018	2,189,951	1,950,613	131,892	53,472	53,974
ERR586838	<i>S. sonnei</i>	The2018	2,393,407	2,138,252	136,973	60,657	57,525
ERR591154	<i>S. sonnei</i>	The2018	2,843,279	2,546,974	146,475	79,747	70,083
ERR591156	<i>S. sonnei</i>	The2018	2,400,006	2,126,544	144,384	62,559	66,519
ERR591166	<i>S. sonnei</i>	The2018	2,546,731	2,252,222	157,545	65,190	71,774
ERR591176	<i>S. sonnei</i>	The2018	2,857,004	2,519,965	185,409	70,311	81,319
ERR591179	<i>S. sonnei</i>	The2018	2,424,506	2,148,270	148,152	60,327	67,757
ERR591185	<i>S. sonnei</i>	The2018	2,234,704	1,981,172	134,643	57,051	61,838
ERR591188	<i>S. sonnei</i>	The2018	2,260,771	2,005,091	134,579	59,049	62,052
ERR591211	<i>S. sonnei</i>	The2018	2,536,782	2,242,031	159,229	64,303	71,219
ERR591218	<i>S. sonnei</i>	The2018	2,490,122	2,215,937	144,405	65,592	64,188
ERR591405	<i>S. sonnei</i>	The2018	2,686,331	2,345,504	173,632	84,577	82,618
ERR592006	<i>S. sonnei</i>	The2018	3,177,148	2,879,823	182,904	53,306	61,115
ERR592007	<i>S. sonnei</i>	The2018	3,355,192	3,047,637	187,321	57,639	62,595
ERR592013	<i>S. sonnei</i>	The2018	3,097,514	2,822,927	166,804	51,536	56,247
ERR592030	<i>S. sonnei</i>	The2018	2,366,421	2,143,509	137,920	39,562	45,430

ERR592189	<i>S. sonnei</i>	The2018	2,786,632	2,550,212	134,914	50,464	51,042
ERR592269	<i>S. sonnei</i>	The2018	2,623,122	2,395,826	125,386	52,118	49,792
ERR592270	<i>S. sonnei</i>	The2018	2,698,438	2,448,376	141,481	53,198	55,383
ERR592449	<i>S. sonnei</i>	The2018	2,554,629	2,333,919	127,656	44,981	48,073
ERR708271	<i>S. sonnei</i>	The2018	2,845,475	2,668,364	116,186	30,424	30,501
ERR708272	<i>S. sonnei</i>	The2018	3,141,792	2,946,677	128,302	33,228	33,585
ERR708273	<i>S. sonnei</i>	The2018	3,359,737	3,144,295	142,601	35,705	37,136
ERR708274	<i>S. sonnei</i>	The2018	3,698,759	3,479,347	141,393	40,134	37,885
ERR708275	<i>S. sonnei</i>	The2018	3,129,616	2,937,950	125,755	33,354	32,557
ERR708276	<i>S. sonnei</i>	The2018	2,859,000	2,686,001	113,309	30,370	29,320
ERR708277	<i>S. sonnei</i>	The2018	2,975,200	2,804,026	108,574	33,017	29,583
ERR708278	<i>S. sonnei</i>	The2018	2,532,889	2,378,862	100,260	27,423	26,344
ERR708279	<i>S. sonnei</i>	The2018	2,864,072	2,678,082	124,061	29,971	31,958
ERR708280	<i>S. sonnei</i>	The2018	3,144,444	2,952,135	126,011	33,236	33,062
ERR708281	<i>S. sonnei</i>	The2018	4,689,142	4,423,918	167,223	51,964	46,037
ERR708282	<i>S. sonnei</i>	The2018	3,473,655	3,248,896	148,508	37,737	38,514
ERR708283	<i>S. sonnei</i>	The2018	2,793,343	2,627,201	106,326	30,892	28,924
ERR708284	<i>S. sonnei</i>	The2018	3,304,315	3,074,093	160,880	36,110	33,232
ERR708285	<i>S. sonnei</i>	The2018	2,773,112	2,605,759	108,502	30,085	28,766
ERR708286	<i>S. sonnei</i>	The2018	2,888,694	2,714,498	112,074	31,998	30,124
ERR708287	<i>S. sonnei</i>	The2018	2,959,999	2,778,407	118,706	31,365	31,521
ERR708288	<i>S. sonnei</i>	The2018	3,050,857	2,858,146	127,107	32,520	33,084
ERR708289	<i>S. sonnei</i>	The2018	3,493,993	3,280,961	138,328	37,922	36,782
ERR708290	<i>S. sonnei</i>	The2018	3,310,247	3,101,333	136,054	36,316	36,544
SRR1605255	<i>S. sonnei</i>	The2018	988,882	883,247	74,811	12,201	18,623
SRR2081185	<i>S. sonnei</i>	The2018	1,308,209	1,086,759	203,633	3,249	14,568
SRR2081189	<i>S. sonnei</i>	The2018	1,761,866	1,414,594	216,527	58,917	71,828
SRR2087717	<i>S. sonnei</i>	The2018	1,118,891	972,638	124,408	5,826	16,019
SRR2097498	<i>S. sonnei</i>	The2018	717,185	654,973	52,390	2,978	6,844
SRR3473843	<i>S. sonnei</i>	The2018	1,960,558	1,802,951	90,254	25,559	41,794
SRR3473844	<i>S. sonnei</i>	The2018	1,811,141	1,634,112	114,340	21,547	41,142
SRR3473847	<i>S. sonnei</i>	The2018	1,997,793	1,823,128	106,521	26,184	41,960
SRR3473848	<i>S. sonnei</i>	The2018	1,987,053	1,790,524	124,672	25,217	46,640
SRR3473849	<i>S. sonnei</i>	The2018	1,937,324	1,745,528	119,725	25,821	46,250
SRR3473850	<i>S. sonnei</i>	The2018	1,534,747	1,390,394	90,785	19,578	33,990
SRR3473853	<i>S. sonnei</i>	The2018	779,223	698,619	52,583	10,104	17,917
SRR3473854	<i>S. sonnei</i>	The2018	1,147,645	1,028,262	78,155	14,096	27,132
SRR3473855	<i>S. sonnei</i>	The2018	2,068,619	1,877,243	122,222	24,302	44,852
SRR3473856	<i>S. sonnei</i>	The2018	1,909,063	1,711,237	128,603	23,017	46,206
SRR3473857	<i>S. sonnei</i>	The2018	1,981,266	1,791,495	121,598	24,704	43,469
SRR3473858	<i>S. sonnei</i>	The2018	2,012,154	1,830,571	111,844	25,568	44,171
SRR3473859	<i>S. sonnei</i>	The2018	1,973,415	1,788,360	115,059	25,163	44,833
SRR3473860	<i>S. sonnei</i>	The2018	1,932,917	1,764,462	103,911	24,048	40,496
SRR3473861	<i>S. sonnei</i>	The2018	1,835,917	1,690,450	81,583	25,293	38,591
SRR3473862	<i>S. sonnei</i>	The2018	1,987,226	1,813,516	105,196	25,246	43,268
SRR3474162	<i>S. sonnei</i>	The2018	479,422	415,637	52,799	7,034	3,952
SRR3474163	<i>S. sonnei</i>	The2018	414,025	329,387	73,358	6,453	4,827
SRR3474164	<i>S. sonnei</i>	The2018	492,007	426,721	53,862	5,945	5,479
SRR3474165	<i>S. sonnei</i>	The2018	1,071,143	836,073	214,723	5,115	15,232
SRR3474166	<i>S. sonnei</i>	The2018	494,173	380,231	104,468	2,433	7,041

SRR3474167	<i>S. sonnei</i>	The2018	599,630	466,939	120,505	3,082	9,104
SRR3474168	<i>S. sonnei</i>	The2018	417,263	322,748	86,371	2,012	6,132
SRR3474169	<i>S. sonnei</i>	The2018	330,877	293,918	28,556	2,237	6,166
SRR3474170	<i>S. sonnei</i>	The2018	574,489	460,903	100,189	2,798	10,599
SRR3474171	<i>S. sonnei</i>	The2018	511,317	402,515	95,310	7,109	6,383
SRR3474172	<i>S. sonnei</i>	The2018	659,862	537,077	103,690	4,013	15,082

Supplementary Table S3: Assembly and coverage statistics.

Sample	Species	Collection	No. of contigs	N50	Total assembly length	Coverage	Read mapping back to assembly (%)
ERR042796	<i>S. flexneri</i>	Connor2015	280	30,078	4,363,070	93	96.18
ERR042797	<i>S. flexneri</i>	Connor2015	270	32,663	4,464,046	87	94.6
ERR042799	<i>S. flexneri</i>	Connor2015	270	29,911	4,246,440	128	95.53
ERR042803	<i>S. flexneri</i>	Connor2015	280	30,464	4,365,484	122	95.51
ERR042806	<i>S. flexneri</i>	Connor2015	270	29,914	4,232,304	97	94.47
ERR042810	<i>S. flexneri</i>	Connor2015	244	32,747	4,132,148	387	96.88
ERR042811	<i>S. flexneri</i>	Connor2015	309	27,268	4,334,080	101	96.2
ERR042814	<i>S. flexneri</i>	Connor2015	285	31,339	4,418,275	104	94.93
ERR042816	<i>S. flexneri</i>	Connor2015	278	31,305	4,366,718	97	95.27
ERR042819	<i>S. flexneri</i>	Connor2015	293	27,648	4,259,539	101	96.07
ERR042821	<i>S. flexneri</i>	Connor2015	275	30,408	4,294,042	93	96.24
ERR042824	<i>S. flexneri</i>	Connor2015	284	31,339	4,401,942	93	94.72
ERR042825	<i>S. flexneri</i>	Connor2015	284	29,936	4,336,371	95	94.39
ERR042827	<i>S. flexneri</i>	Connor2015	313	25,603	4,216,926	114	95.95
ERR042831	<i>S. flexneri</i>	Connor2015	270	31,921	4,290,133	111	93.88
ERR042832	<i>S. flexneri</i>	Connor2015	308	30,104	4,421,168	145	95.02
ERR042833	<i>S. flexneri</i>	Connor2015	309	28,275	4,207,913	152	95.74
ERR042835	<i>S. flexneri</i>	Connor2015	233	32,257	4,042,292	116	96.03
ERR042837	<i>S. flexneri</i>	Connor2015	294	29,294	4,253,083	116	95.94
ERR042838	<i>S. flexneri</i>	Connor2015	322	24,983	4,259,241	120	95.54
ERR042839	<i>S. flexneri</i>	Connor2015	284	31,318	4,374,422	111	95.55
ERR042840	<i>S. flexneri</i>	Connor2015	278	30,187	4,327,989	117	95.11
ERR042841	<i>S. flexneri</i>	Connor2015	294	30,961	4,418,406	126	94.48
ERR042842	<i>S. flexneri</i>	Connor2015	283	31,305	4,383,811	177	94.6
ERR042843	<i>S. flexneri</i>	Connor2015	299	33,474	4,646,460	111	95.41
ERR042845	<i>S. flexneri</i>	Connor2015	289	29,915	4,347,196	118	95.24
ERR042849	<i>S. flexneri</i>	Connor2015	258	31,307	4,217,188	118	95.06
ERR042851	<i>S. flexneri</i>	Connor2015	293	31,441	4,395,552	111	94.69
ERR042852	<i>S. flexneri</i>	Connor2015	269	33,654	4,327,921	106	95.51
ERR042853	<i>S. flexneri</i>	Connor2015	263	30,022	4,191,789	140	95.02
ERR042855	<i>S. flexneri</i>	Connor2015	302	27,853	4,360,653	107	93.98
ERR042858	<i>S. flexneri</i>	Connor2015	342	25,257	4,495,043	108	95.59
ERR042860	<i>S. flexneri</i>	Connor2015	292	31,340	4,450,387	105	94.08
ERR042861	<i>S. flexneri</i>	Connor2015	294	31,305	4,352,174	98	95.64
ERR042863	<i>S. flexneri</i>	Connor2015	285	29,915	4,326,210	92	93.97
ERR047236	<i>S. flexneri</i>	Connor2015	269	31,307	4,258,158	103	95.56
ERR047239	<i>S. flexneri</i>	Connor2015	315	26,003	4,392,421	114	93.75
ERR047294	<i>S. flexneri</i>	Connor2015	291	31,307	4,380,849	136	95.37
ERR047297	<i>S. flexneri</i>	Connor2015	326	25,169	4,391,585	136	95.49
ERR047306	<i>S. flexneri</i>	Connor2015	299	30,056	4,468,018	65	95.07
ERR047307	<i>S. flexneri</i>	Connor2015	323	27,030	4,494,017	172	95.27
ERR047372	<i>S. flexneri</i>	Connor2015	325	25,117	4,389,712	111	94.56
ERR047396	<i>S. flexneri</i>	Connor2015	310	25,160	4,345,007	224	93.26
ERR047406	<i>S. flexneri</i>	Connor2015	303	29,338	4,445,536	54	95.24

ERR048234	<i>S. flexneri</i>	Connor2015	259	31,332	4,245,936	136	95.95
ERR048246	<i>S. flexneri</i>	Connor2015	261	31,305	4,257,964	178	95.26
ERR048259	<i>S. flexneri</i>	Connor2015	270	35,351	4,633,378	152	94.92
ERR048261	<i>S. flexneri</i>	Connor2015	281	31,882	4,266,145	46	95.91
ERR048265	<i>S. flexneri</i>	Connor2015	264	31,935	4,334,532	153	95.79
ERR048285	<i>S. flexneri</i>	Connor2015	280	34,340	4,602,348	138	90.19
ERR048286	<i>S. flexneri</i>	Connor2015	241	32,241	4,123,978	137	96.25
ERR048287	<i>S. flexneri</i>	Connor2015	271	30,943	4,334,835	117	89.22
ERR048288	<i>S. flexneri</i>	Connor2015	297	29,177	4,197,391	131	93.68
ERR048290	<i>S. flexneri</i>	Connor2015	262	32,242	4,207,666	113	93.91
ERR048295	<i>S. flexneri</i>	Connor2015	288	31,305	4,412,890	158	93.85
ERR048296	<i>S. flexneri</i>	Connor2015	313	28,574	4,401,221	136	92.53
ERR048300	<i>S. flexneri</i>	Connor2015	274	30,965	4,523,402	162	95.35
ERR048302	<i>S. flexneri</i>	Connor2015	268	33,631	4,352,621	48	92.19
ERR048304	<i>S. flexneri</i>	Connor2015	279	29,931	4,280,064	130	89.14
ERR048306	<i>S. flexneri</i>	Connor2015	269	29,911	4,272,087	154	95.07
ERR048311	<i>S. flexneri</i>	Connor2015	315	25,628	4,271,855	165	95.98
ERR048312	<i>S. flexneri</i>	Connor2015	337	24,924	4,538,806	151	95.47
ERR048313	<i>S. flexneri</i>	Connor2015	297	33,647	4,426,996	158	94.78
ERR048315	<i>S. flexneri</i>	Connor2015	323	29,579	4,396,268	31	91.63
ERR048316	<i>S. flexneri</i>	Connor2015	251	32,747	4,154,080	98	93.56
ERR048317	<i>S. flexneri</i>	Connor2015	291	25,988	4,217,306	94	95.35
ERR048319	<i>S. flexneri</i>	Connor2015	285	31,305	4,411,213	109	92.02
ERR048320	<i>S. flexneri</i>	Connor2015	295	30,778	4,425,013	165	94.25
ERR048322	<i>S. flexneri</i>	Connor2015	295	31,305	4,460,495	87	94.1
ERR048329	<i>S. flexneri</i>	Connor2015	328	26,743	4,445,963	115	95.23
ERR048331	<i>S. flexneri</i>	Connor2015	285	33,406	4,397,532	127	94.66
ERR048332	<i>S. flexneri</i>	Connor2015	320	28,641	4,449,817	150	94.79
ERR048333	<i>S. flexneri</i>	Connor2015	304	26,175	4,284,766	212	96.05
ERR048334	<i>S. flexneri</i>	Connor2015	316	25,487	4,334,646	159	94.18
ERR048339	<i>S. flexneri</i>	Connor2015	291	30,639	4,413,124	199	94.1
ERR049152	<i>S. flexneri</i>	Connor2015	321	26,002	4,411,985	411	93.19
ERR126958	<i>S. flexneri</i>	Connor2015	887	6,609	3,808,848	98	82.84
ERR127015	<i>S. flexneri</i>	Connor2015	330	27,649	4,344,130	123	94.22
ERR127017	<i>S. flexneri</i>	Connor2015	779	8,390	4,173,256	102	89.77
ERR127019	<i>S. flexneri</i>	Connor2015	450	15,037	4,207,014	109	94
ERR127032	<i>S. flexneri</i>	Connor2015	458	15,590	4,208,626	113	94.44
ERR127034	<i>S. flexneri</i>	Connor2015	352	20,815	4,139,649	116	94.65
ERR127035	<i>S. flexneri</i>	Connor2015	553	15,086	3,976,579	112	92.49
ERR127036	<i>S. flexneri</i>	Connor2015	713	10,531	4,025,031	101	92.29
ERR127037	<i>S. flexneri</i>	Connor2015	254	34,494	4,500,191	93	94.22
ERR127038	<i>S. flexneri</i>	Connor2015	740	11,720	3,811,652	104	85.61
ERR127039	<i>S. flexneri</i>	Connor2015	544	15,122	4,253,383	115	92.84
ERR127040	<i>S. flexneri</i>	Connor2015	549	14,966	3,992,922	110	93.92
ERR127041	<i>S. flexneri</i>	Connor2015	226	35,033	4,123,706	109	96.48
ERR127042	<i>S. flexneri</i>	Connor2015	531	15,533	4,162,037	111	93.61
ERR127043	<i>S. flexneri</i>	Connor2015	570	13,623	4,153,572	111	93.72
ERR127044	<i>S. flexneri</i>	Connor2015	704	10,387	3,849,672	103	88.84
ERR127046	<i>S. flexneri</i>	Connor2015	232	37,342	4,237,944	317	94.99
ERR127047	<i>S. flexneri</i>	Connor2015	247	33,512	4,216,248	356	95.22

ERR127048	<i>S. flexneri</i>	Connor2015	252	31,929	4,270,226	430	95.87
ERR200344	<i>S. flexneri</i>	Connor2015	265	30,531	4,194,471	65	96.06
ERR200360	<i>S. flexneri</i>	Connor2015	285	31,340	4,392,980	76	92.97
ERR200365	<i>S. flexneri</i>	Connor2015	246	33,352	4,184,341	86	94.9
ERR200370	<i>S. flexneri</i>	Connor2015	292	31,305	4,385,568	80	94.85
ERR200378	<i>S. flexneri</i>	Connor2015	280	31,340	4,340,667	79	94.83
ERR200379	<i>S. flexneri</i>	Connor2015	288	31,340	4,373,123	45	93.57
ERR200390	<i>S. flexneri</i>	Connor2015	285	33,259	4,402,829	70	93.98
ERR200392	<i>S. flexneri</i>	Connor2015	285	30,639	4,402,529	88	93.62
ERR200393	<i>S. flexneri</i>	Connor2015	310	24,693	4,339,529	48	94.19
ERR200402	<i>S. flexneri</i>	Connor2015	285	25,560	4,169,444	66	92.44
ERR200403	<i>S. flexneri</i>	Connor2015	312	25,197	4,316,354	48	94.65
ERR200405	<i>S. flexneri</i>	Connor2015	326	24,576	4,373,392	56	93.3
ERR200413	<i>S. flexneri</i>	Connor2015	257	28,983	4,287,947	61	94.99
ERR200414	<i>S. flexneri</i>	Connor2015	309	27,683	4,219,354	43	91.64
ERR200415	<i>S. flexneri</i>	Connor2015	318	25,899	4,452,082	85	94.23
ERR217012	<i>S. flexneri</i>	Connor2015	307	28,274	4,218,607	63	95.48
ERR217013	<i>S. flexneri</i>	Connor2015	417	17,590	4,198,531	48	92.91
ERR217015	<i>S. flexneri</i>	Connor2015	313	28,057	4,226,549	74	93.74
ERR217016	<i>S. flexneri</i>	Connor2015	305	28,274	4,251,488	82	94.76
ERR217022	<i>S. flexneri</i>	Connor2015	298	28,274	4,154,675	57	92.98
ERR217023	<i>S. flexneri</i>	Connor2015	312	28,182	4,237,179	57	92.83
ERR217024	<i>S. flexneri</i>	Connor2015	303	28,274	4,225,858	49	93.39
ERR217026	<i>S. flexneri</i>	Connor2015	328	28,273	4,312,990	55	93.07
ERR217028	<i>S. flexneri</i>	Connor2015	315	28,276	4,309,645	43	92.22
ERR217030	<i>S. flexneri</i>	Connor2015	309	28,057	4,226,134	41	93.98
ERR217031	<i>S. flexneri</i>	Connor2015	306	28,752	4,216,250	62	93.06
ERR217032	<i>S. flexneri</i>	Connor2015	307	28,185	4,213,326	36	94.29
ERR217033	<i>S. flexneri</i>	Connor2015	314	31,332	4,355,693	75	93.47
ERR217047	<i>S. flexneri</i>	Connor2015	283	30,007	4,330,260	43	94.14
ERR217080	<i>S. flexneri</i>	Connor2015	265	31,307	4,200,552	168	95.49
ERR217081	<i>S. flexneri</i>	Connor2015	295	29,897	4,447,124	56	95.9
ERR217084	<i>S. flexneri</i>	Connor2015	290	32,254	4,445,107	62	93.8
ERR559526	<i>S. flexneri</i>	Connor2015	243	33,297	4,175,298	71	95.53
ERR832453	<i>S. flexneri</i>	Connor2015	25	2,511	54,995	224	5.42
ERR832456	<i>S. flexneri</i>	Connor2015	10	1,826	17,418	424.5	2.85
ERR832457	<i>S. flexneri</i>	Connor2015	19	1,703	33,057	267	5.27
ERR832459	<i>S. flexneri</i>	Connor2015	32	1,949	55,174	207	9.16
ERR832460	<i>S. flexneri</i>	Connor2015	25	2,122	56,507	247	5.39
ERR832461	<i>S. flexneri</i>	Connor2015	25	10,847	129,465	224	9.06
ERR832462	<i>S. flexneri</i>	Connor2015	32	5,560	139,886	272	13.63
ERR832464	<i>S. flexneri</i>	Connor2015	17	1,658	28,868	333	5.63
ERR832465	<i>S. flexneri</i>	Connor2015	279	28,578	4,197,232	88	94.04
ERR832467	<i>S. flexneri</i>	Connor2015	15	1,890	28,196	482	9.06
ERR832468	<i>S. flexneri</i>	Connor2015	34	1,950	60,880	193	7.92
ERR832470	<i>S. flexneri</i>	Connor2015	21	2,481	53,870	271	5.39
ERR832471	<i>S. flexneri</i>	Connor2015	20	2,085	40,802	634	10.64
ERR832473	<i>S. flexneri</i>	Connor2015	24	5,772	85,569	356	10.53
ERR832474	<i>S. flexneri</i>	Connor2015	43	12,962	193,934	325	13.89
ERR832477	<i>S. flexneri</i>	Connor2015	21	5,273	63,169	506	14.76

ERR832480	<i>S. flexneri</i>	Connor2015	18	1,874	34,289	300	4.26
ERR832481	<i>S. flexneri</i>	Connor2015	36	1,902	66,213	195	6.28
ERR832483	<i>S. flexneri</i>	Connor2015	23	1,818	42,261	260	5.82
ERR832485	<i>S. flexneri</i>	Connor2015	36	1,939	68,025	212	7.17
ERR832486	<i>S. flexneri</i>	Connor2015	16	1,604	28,281	292	4.02
ERR832487	<i>S. flexneri</i>	Connor2015	36	31,819	330,617	256	24.75
ERR832489	<i>S. flexneri</i>	Connor2015	11	2,224	21,374	462	3.44
ERR832490	<i>S. flexneri</i>	Connor2015	30	3,776	79,050	226	6.56
ERR832491	<i>S. flexneri</i>	Connor2015	16	1,597	26,826	346	3.71
ERR832492	<i>S. flexneri</i>	Connor2015	15	4,121	36,423	247	3.58
ERR832494	<i>S. flexneri</i>	Connor2015	23	1,604	40,268	293	5.17
S13BD00302	<i>S. flexneri</i>	NRC	246	33,479	4,280,656	39	96.16
S13BD00535	<i>S. flexneri</i>	NRC	295	30,204	4,535,548	18	96.86
S13BD00702	<i>S. flexneri</i>	NRC	281	33,791	4,470,836	55	96.71
S13BD00854	<i>S. flexneri</i>	NRC	289	34,724	4,556,789	54	95.79
S13BD01310	<i>S. flexneri</i>	NRC	304	26,204	4,433,403	53	97.11
S13BD01692	<i>S. flexneri</i>	NRC	277	35,226	4,449,950	43	97.02
S13BD02195	<i>S. flexneri</i>	NRC	279	33,791	4,472,575	37	96.47
S13BD02470	<i>S. flexneri</i>	NRC	303	27,983	4,491,985	43	96.31
S13BD03084	<i>S. flexneri</i>	NRC	284	32,733	4,464,907	63	94.06
S13BD04017	<i>S. flexneri</i>	NRC	309	29,344	4,478,335	45	91.21
S13BD04231	<i>S. flexneri</i>	NRC	304	29,712	4,459,125	27	95.11
S14BD00799	<i>S. flexneri</i>	NRC	288	33,916	4,465,922	73	97.46
S14BD01131	<i>S. flexneri</i>	NRC	314	29,993	4,488,076	40	85.86
S14BD01142	<i>S. flexneri</i>	NRC	316	32,053	4,583,539	73	86.31
S14BD01714	<i>S. flexneri</i>	NRC	284	29,993	4,382,968	46	95.09
S14BD02502	<i>S. flexneri</i>	NRC	298	29,993	4,437,739	55	95.91
S14BD02795	<i>S. flexneri</i>	NRC	1220	11,684	8,242,670	39	93.99
S14BD05234	<i>S. flexneri</i>	NRC	307	28,695	4,361,308	16	97.22
S14BD05285	<i>S. flexneri</i>	NRC	282	33,446	4,451,825	27	95.71
S15BD00055	<i>S. flexneri</i>	NRC	283	33,937	4,466,605	22	95.57
S15BD00457	<i>S. flexneri</i>	NRC	283	34,798	4,514,435	40	96.24
S15BD00494	<i>S. flexneri</i>	NRC	281	34,930	4,454,586	39	95.52
S15BD02368	<i>S. flexneri</i>	NRC	287	33,436	4,477,291	41	95.85
S15BD02726	<i>S. flexneri</i>	NRC	304	31,449	4,521,065	47	95.54
S15BD02867	<i>S. flexneri</i>	NRC	275	35,045	4,462,944	58	96.77
S15BD04659	<i>S. flexneri</i>	NRC	277	34,930	4,445,927	41	96.44
S15BD05228	<i>S. flexneri</i>	NRC	280	33,941	4,464,084	43	95.87
S15BD06353	<i>S. flexneri</i>	NRC	289	32,050	4,447,991	38	95.39
S15BD06515	<i>S. flexneri</i>	NRC	704	2,992	1,885,243	10	51.23
S15BD08204	<i>S. flexneri</i>	NRC	290	32,305	4,433,013	51	94.37
S15BD08762	<i>S. flexneri</i>	NRC	284	31,447	4,464,855	55	96.88
S15BD09335	<i>S. flexneri</i>	NRC	289	29,993	4,320,055	65	94.71
S15BD09453	<i>S. flexneri</i>	NRC	277	30,158	4,421,887	43	95.68
S15BD09529	<i>S. flexneri</i>	NRC	993	3,112	2,689,126	9	67.51
S16BD00148	<i>S. flexneri</i>	NRC	294	30,794	4,555,114	23	95.84
S16BD00463	<i>S. flexneri</i>	NRC	366	22,130	4,358,138	15	96.43
S16BD01789	<i>S. flexneri</i>	NRC	282	35,188	4,437,260	33	96.81
S16BD01991	<i>S. flexneri</i>	NRC	286	32,891	4,520,892	62	96.31
S16BD02637	<i>S. flexneri</i>	NRC	290	29,993	4,417,941	40	95.67

S16BD02856	<i>S. flexneri</i>	NRC	287	32,949	4,531,862	37	95.79
S16BD03590	<i>S. flexneri</i>	NRC	366	21,307	4,272,284	19	96.26
S16BD03881	<i>S. flexneri</i>	NRC	354	25,930	4,424,040	17	95.41
S16BD04652	<i>S. flexneri</i>	NRC	275	33,528	4,393,181	47	97.27
S16BD07706	<i>S. flexneri</i>	NRC	293	29,674	4,402,397	33	96.46
S17BD00498	<i>S. flexneri</i>	NRC	296	33,937	4,464,897	29	87.41
S17BD00886	<i>S. flexneri</i>	NRC	287	34,721	4,461,897	33	90.05
S17BD02190	<i>S. flexneri</i>	NRC	293	34,721	4,464,827	24	77.89
S17BD02300	<i>S. flexneri</i>	NRC	297	30,584	4,473,289	21	83.88
S17BD03514	<i>S. flexneri</i>	NRC	287	33,941	4,562,089	31	96.69
S17BD04033	<i>S. flexneri</i>	NRC	345	25,192	4,476,084	46	94.79
S17BD04223	<i>S. flexneri</i>	NRC	296	30,922	4,470,022	26	89.99
S17BD04752	<i>S. flexneri</i>	NRC	279	34,839	4,475,256	38	96.34
S17BD06364	<i>S. flexneri</i>	NRC	287	29,813	4,328,397	53	95.73
S17BD07654	<i>S. flexneri</i>	NRC	270	34,722	4,616,533	50	95.23
S17BD08054	<i>S. flexneri</i>	NRC	326	29,301	4,548,834	18	73.81
S17BD08194	<i>S. flexneri</i>	NRC	290	31,916	4,467,206	21	86.38
S17BD08237	<i>S. flexneri</i>	NRC	297	30,555	4,453,255	24	83.33
S18BD00005	<i>S. flexneri</i>	NRC	300	34,696	4,540,246	25	85.75
S18BD00006	<i>S. flexneri</i>	NRC	302	32,440	4,494,784	19	84.67
S18BD01109	<i>S. flexneri</i>	NRC	329	28,585	4,458,199	25	94.85
S18BD01126	<i>S. flexneri</i>	NRC	333	28,592	4,538,768	14	75.41
S18BD01471	<i>S. flexneri</i>	NRC	290	33,791	4,461,539	18	81.53
ERR316291	<i>S. sonnei</i>	Baker2017	339	24,902	4,604,374	46	85.49
ERR316299	<i>S. sonnei</i>	Baker2017	321	25,218	4,442,752	84	93.67
ERR316306	<i>S. sonnei</i>	Baker2017	304	26,481	4,547,993	83	94.5
ERR024604	<i>S. sonnei</i>	Holt2012	336	23,584	4,467,120	22	91.25
ERR024605	<i>S. sonnei</i>	Holt2012	326	23,828	4,434,926	64	93.04
ERR024606	<i>S. sonnei</i>	Holt2012	340	25,029	4,601,354	68	91.86
ERR024607	<i>S. sonnei</i>	Holt2012	333	23,799	4,466,878	49	92.81
ERR024608	<i>S. sonnei</i>	Holt2012	363	22,202	4,369,978	74	91.46
ERR024609	<i>S. sonnei</i>	Holt2012	340	22,301	4,297,692	72	92.33
ERR024610	<i>S. sonnei</i>	Holt2012	348	21,714	4,305,511	48	93.18
ERR024611	<i>S. sonnei</i>	Holt2012	372	21,260	4,294,978	41	92.88
ERR024612	<i>S. sonnei</i>	Holt2012	345	22,202	4,279,738	44	92.62
ERR024616	<i>S. sonnei</i>	Holt2012	369	21,714	4,487,084	45	91.68
ERR024617	<i>S. sonnei</i>	Holt2012	361	21,623	4,421,280	51	92.11
ERR024618	<i>S. sonnei</i>	Holt2012	391	21,260	4,634,542	41	91
ERR024619	<i>S. sonnei</i>	Holt2012	343	23,587	4,553,854	32	93.15
ERR024620	<i>S. sonnei</i>	Holt2012	354	21,261	4,423,597	43	90.94
ERR024621	<i>S. sonnei</i>	Holt2012	351	24,708	4,606,375	47	93.39
ERR024622	<i>S. sonnei</i>	Holt2012	347	21,260	4,312,900	53	92.08
ERR024625	<i>S. sonnei</i>	Holt2012	356	21,988	4,426,095	36	90.94
ERR024626	<i>S. sonnei</i>	Holt2012	362	22,306	4,422,017	42	91.59
ERR024627	<i>S. sonnei</i>	Holt2012	348	21,261	4,290,647	44	92.76
ERR025682	<i>S. sonnei</i>	Holt2012	375	21,360	4,505,252	26	58.09
ERR025683	<i>S. sonnei</i>	Holt2012	403	20,301	4,432,276	19	50.12
ERR025685	<i>S. sonnei</i>	Holt2012	377	21,623	4,390,792	46	79.43
ERR025686	<i>S. sonnei</i>	Holt2012	346	21,715	4,514,405	38	68.53
ERR025687	<i>S. sonnei</i>	Holt2012	388	21,916	4,658,506	22	67.48

ERR025689	<i>S. sonnei</i>	Holt2012	380	20,644	4,439,803	15	59.46
ERR025690	<i>S. sonnei</i>	Holt2012	447	19,443	4,588,698	21	66.94
ERR025691	<i>S. sonnei</i>	Holt2012	364	23,828	4,596,471	31	67.32
ERR025692	<i>S. sonnei</i>	Holt2012	336	22,263	4,429,736	29	57.16
ERR025693	<i>S. sonnei</i>	Holt2012	374	22,307	4,617,496	33	67.33
ERR025695	<i>S. sonnei</i>	Holt2012	398	18,585	4,242,790	19	66.42
ERR025697	<i>S. sonnei</i>	Holt2012	407	19,585	4,304,350	16	52.25
ERR025698	<i>S. sonnei</i>	Holt2012	374	22,204	4,476,972	49	82.92
ERR025699	<i>S. sonnei</i>	Holt2012	390	21,230	4,443,344	40	69.93
ERR025700	<i>S. sonnei</i>	Holt2012	439	19,571	4,445,553	16	53.58
ERR025701	<i>S. sonnei</i>	Holt2012	365	23,225	4,377,480	32	63.11
ERR025702	<i>S. sonnei</i>	Holt2012	411	17,467	4,228,856	13	40.28
ERR025703	<i>S. sonnei</i>	Holt2012	381	19,476	4,319,339	35	77.84
ERR025704	<i>S. sonnei</i>	Holt2012	381	21,714	4,436,896	27	72.97
ERR025705	<i>S. sonnei</i>	Holt2012	384	22,065	4,411,598	30	65.82
ERR025706	<i>S. sonnei</i>	Holt2012	350	23,303	4,318,812	24	58.23
ERR025708	<i>S. sonnei</i>	Holt2012	410	19,137	4,317,099	16	72.42
ERR025709	<i>S. sonnei</i>	Holt2012	390	21,260	4,419,699	24	65.3
ERR025710	<i>S. sonnei</i>	Holt2012	377	21,260	4,447,916	32	71.13
ERR025711	<i>S. sonnei</i>	Holt2012	385	21,145	4,435,149	64	85.47
ERR025712	<i>S. sonnei</i>	Holt2012	368	23,225	4,439,913	54	79.37
ERR025713	<i>S. sonnei</i>	Holt2012	382	22,305	4,506,047	48	77.48
ERR025714	<i>S. sonnei</i>	Holt2012	342	22,202	4,289,994	31	68.22
ERR025715	<i>S. sonnei</i>	Holt2012	337	23,769	4,514,442	22	60.76
ERR025716	<i>S. sonnei</i>	Holt2012	386	22,065	4,432,393	55	86.03
ERR025717	<i>S. sonnei</i>	Holt2012	381	22,092	4,444,194	42	80.25
ERR025718	<i>S. sonnei</i>	Holt2012	373	21,714	4,437,441	48	77.74
ERR025719	<i>S. sonnei</i>	Holt2012	346	22,659	4,332,827	45	74.07
ERR025721	<i>S. sonnei</i>	Holt2012	420	17,750	4,355,691	20	49.35
ERR025724	<i>S. sonnei</i>	Holt2012	329	24,023	4,389,419	46	78.47
ERR025725	<i>S. sonnei</i>	Holt2012	399	20,493	4,418,655	25	56.61
ERR025726	<i>S. sonnei</i>	Holt2012	363	23,309	4,545,055	25	60.99
ERR025727	<i>S. sonnei</i>	Holt2012	328	24,924	4,490,184	22	45.8
ERR025729	<i>S. sonnei</i>	Holt2012	382	19,438	4,320,587	25	62.95
ERR025730	<i>S. sonnei</i>	Holt2012	416	19,443	4,427,859	15	47.02
ERR025731	<i>S. sonnei</i>	Holt2012	369	22,065	4,548,598	23	64.62
ERR025732	<i>S. sonnei</i>	Holt2012	355	23,625	4,438,553	96	60.73
ERR025734	<i>S. sonnei</i>	Holt2012	347	22,661	4,459,800	33	48.3
ERR025735	<i>S. sonnei</i>	Holt2012	338	22,660	4,369,822	17	39.85
ERR025737	<i>S. sonnei</i>	Holt2012	331	24,020	4,581,007	30	54.62
ERR025738	<i>S. sonnei</i>	Holt2012	360	23,562	4,493,819	23	41.21
ERR025741	<i>S. sonnei</i>	Holt2012	379	22,308	4,432,034	25	45.77
ERR025742	<i>S. sonnei</i>	Holt2012	328	24,299	4,326,330	29	52.56
ERR025743	<i>S. sonnei</i>	Holt2012	306	24,458	4,342,922	31	49.55
ERR025744	<i>S. sonnei</i>	Holt2012	380	21,444	4,452,165	17	31.58
ERR025746	<i>S. sonnei</i>	Holt2012	312	25,071	4,365,185	57	72.62
ERR025747	<i>S. sonnei</i>	Holt2012	330	22,304	4,165,479	30	63.74
ERR025749	<i>S. sonnei</i>	Holt2012	325	22,110	4,117,720	56	69.31
ERR025750	<i>S. sonnei</i>	Holt2012	343	21,261	4,225,787	42	71.64
ERR025751	<i>S. sonnei</i>	Holt2012	338	25,174	4,450,336	22	60.11

ERR025752	<i>S. sonnei</i>	Holt2012	386	20,038	4,412,159	14	36.24
ERR025753	<i>S. sonnei</i>	Holt2012	313	23,919	4,334,279	57	81.68
ERR025754	<i>S. sonnei</i>	Holt2012	352	23,727	4,585,389	39	66.68
ERR025755	<i>S. sonnei</i>	Holt2012	342	23,562	4,525,468	48	72.23
ERR025756	<i>S. sonnei</i>	Holt2012	355	23,665	4,441,801	37	63.47
ERR025758	<i>S. sonnei</i>	Holt2012	337	23,188	4,379,849	49	64.11
ERR025759	<i>S. sonnei</i>	Holt2012	348	21,075	4,304,924	24	38.82
ERR025761	<i>S. sonnei</i>	Holt2012	359	22,065	4,320,523	57	81.14
ERR025762	<i>S. sonnei</i>	Holt2012	347	25,000	4,555,358	40	68.97
ERR025763	<i>S. sonnei</i>	Holt2012	432	17,882	4,428,758	14	57.24
ERR025765	<i>S. sonnei</i>	Holt2012	349	24,502	4,606,588	38	70.38
ERR025767	<i>S. sonnei</i>	Holt2012	367	22,203	4,526,100	50	61.35
ERR025768	<i>S. sonnei</i>	Holt2012	348	22,202	4,279,147	28	56.92
ERR028671	<i>S. sonnei</i>	Holt2012	328	24,067	4,341,066	21	88.2
ERR028672	<i>S. sonnei</i>	Holt2012	322	25,218	4,596,569	27	90.07
ERR028673	<i>S. sonnei</i>	Holt2012	320	27,582	4,612,765	204	86.84
ERR028674	<i>S. sonnei</i>	Holt2012	330	26,823	4,620,277	62	83.56
ERR028675	<i>S. sonnei</i>	Holt2012	313	27,371	4,535,219	27	84.25
ERR028676	<i>S. sonnei</i>	Holt2012	326	25,218	4,423,146	43	90.3
ERR028677	<i>S. sonnei</i>	Holt2012	328	23,269	4,290,403	26	85.52
ERR028678	<i>S. sonnei</i>	Holt2012	354	22,101	4,438,913	21	88.61
ERR028679	<i>S. sonnei</i>	Holt2012	346	23,356	4,394,443	39	91.25
ERR028680	<i>S. sonnei</i>	Holt2012	324	25,626	4,603,459	25	87.51
ERR028681	<i>S. sonnei</i>	Holt2012	336	22,466	4,315,558	19	85.5
ERR028684	<i>S. sonnei</i>	Holt2012	321	24,917	4,372,314	49	81.98
ERR028685	<i>S. sonnei</i>	Holt2012	360	23,468	4,590,075	78	86.79
ERR028686	<i>S. sonnei</i>	Holt2012	364	23,352	4,536,160	33	84.75
ERR028687	<i>S. sonnei</i>	Holt2012	361	23,966	4,598,307	53	87.53
ERR028688	<i>S. sonnei</i>	Holt2012	333	25,218	4,362,756	41	88.71
ERR028689	<i>S. sonnei</i>	Holt2012	350	23,353	4,469,701	70	84.86
ERR028690	<i>S. sonnei</i>	Holt2012	354	24,347	4,543,010	35	87.01
ERR028691	<i>S. sonnei</i>	Holt2012	359	23,385	4,437,348	28	91.77
ERR028692	<i>S. sonnei</i>	Holt2012	293	30,274	4,525,389	67	90.79
ERR028693	<i>S. sonnei</i>	Holt2012	349	23,967	4,495,243	43	85.98
ERR028694	<i>S. sonnei</i>	Holt2012	356	23,490	4,559,943	44	89.85
ERR028695	<i>S. sonnei</i>	Holt2012	356	24,347	4,557,641	60	88.29
ERR028697	<i>S. sonnei</i>	Holt2012	354	23,963	4,489,200	101	87
ERR028699	<i>S. sonnei</i>	Holt2012	365	23,115	4,530,909	140	87.59
ERR028700	<i>S. sonnei</i>	Holt2012	360	25,218	4,755,906	66	85.22
ERR028702	<i>S. sonnei</i>	Holt2012	361	23,963	4,616,919	168	94.2
ERR028703	<i>S. sonnei</i>	Holt2012	360	23,967	4,520,727	184	93.8
ERR028704	<i>S. sonnei</i>	Holt2012	372	23,592	4,642,557	99	91.1
ERR028705	<i>S. sonnei</i>	Holt2012	328	23,687	4,391,637	103	93.56
ERR028706	<i>S. sonnei</i>	Holt2012	343	26,824	4,558,607	55	96.37
S13BD00834	<i>S. sonnei</i>	NRC	318	25,688	4,431,906	49	96.35
S13BD00906	<i>S. sonnei</i>	NRC	322	26,034	4,563,563	86	95.6
S13BD02106	<i>S. sonnei</i>	NRC	340	25,389	4,509,103	38	97.28
S13BD02107	<i>S. sonnei</i>	NRC	350	25,389	4,632,951	35	96.52
S13BD02670	<i>S. sonnei</i>	NRC	349	24,765	4,557,148	37	96.69
S13BD02671	<i>S. sonnei</i>	NRC	346	25,690	4,570,104	52	97.68

S13BD03196	<i>S. sonnei</i>	NRC	315	25,362	4,420,831	48	96.05
S13BD03288	<i>S. sonnei</i>	NRC	349	25,752	4,667,690	51	96.82
S13BD03539	<i>S. sonnei</i>	NRC	328	24,765	4,430,827	35	94.77
S13BD04360	<i>S. sonnei</i>	NRC	327	25,688	4,494,704	58	96.35
S14BD00913	<i>S. sonnei</i>	NRC	337	25,093	4,477,811	67	96.88
S14BD03054	<i>S. sonnei</i>	NRC	326	25,905	4,634,628	46	95.12
S14BD03397	<i>S. sonnei</i>	NRC	351	24,881	4,593,894	52	96.63
S14BD03573	<i>S. sonnei</i>	NRC	327	25,362	4,429,614	35	95.91
S14BD04882	<i>S. sonnei</i>	NRC	342	25,689	4,607,882	34	96.69
S14BD04971	<i>S. sonnei</i>	NRC	313	25,688	4,383,773	35	96.26
S14BD05043	<i>S. sonnei</i>	NRC	336	25,721	4,524,343	24	97.49
S15BD00569	<i>S. sonnei</i>	NRC	345	25,362	4,515,235	34	96.3
S15BD00797	<i>S. sonnei</i>	NRC	377	20,658	4,490,735	19	96.09
S15BD00889	<i>S. sonnei</i>	NRC	362	25,093	4,553,436	35	97.49
S15BD00932	<i>S. sonnei</i>	NRC	364	25,362	4,647,386	21	96.66
S15BD01283	<i>S. sonnei</i>	NRC	349	25,752	4,659,191	55	96.84
S15BD02324	<i>S. sonnei</i>	NRC	319	25,688	4,524,748	42	97.14
S15BD02325	<i>S. sonnei</i>	NRC	349	25,905	4,658,115	43	96.99
S15BD02326	<i>S. sonnei</i>	NRC	320	25,752	4,510,656	44	96.01
S15BD02407	<i>S. sonnei</i>	NRC	350	25,752	4,670,416	78	95.9
S15BD02515	<i>S. sonnei</i>	NRC	359	25,689	4,709,465	62	97.57
S15BD02737	<i>S. sonnei</i>	NRC	322	25,686	4,429,330	33	96.75
S15BD02979	<i>S. sonnei</i>	NRC	331	25,905	4,571,675	25	96.88
S15BD02995	<i>S. sonnei</i>	NRC	355	26,035	4,654,654	64	96.85
S15BD03192	<i>S. sonnei</i>	NRC	332	26,034	4,553,643	23	97.58
S15BD03801	<i>S. sonnei</i>	NRC	325	25,905	4,527,284	23	97.06
S15BD03806	<i>S. sonnei</i>	NRC	320	25,389	4,530,957	56	96.22
S15BD03807	<i>S. sonnei</i>	NRC	346	25,752	4,738,278	34	97.62
S15BD03808	<i>S. sonnei</i>	NRC	348	25,389	4,659,376	39	97.05
S15BD03850	<i>S. sonnei</i>	NRC	346	24,288	4,538,855	35	97.2
S15BD04030	<i>S. sonnei</i>	NRC	320	25,389	4,424,922	50	96.07
S15BD04031	<i>S. sonnei</i>	NRC	351	25,093	4,540,401	35	95.87
S15BD04165	<i>S. sonnei</i>	NRC	351	25,718	4,677,053	37	96.24
S15BD04166	<i>S. sonnei</i>	NRC	326	25,685	4,457,063	27	96.87
S15BD04402	<i>S. sonnei</i>	NRC	312	25,688	4,400,769	64	95.57
S15BD04792	<i>S. sonnei</i>	NRC	365	25,362	4,588,485	18	96.03
S15BD04848	<i>S. sonnei</i>	NRC	333	25,905	4,690,953	25	97.55
S15BD05940	<i>S. sonnei</i>	NRC	328	25,752	4,446,717	24	96.35
S15BD06471	<i>S. sonnei</i>	NRC	348	25,689	4,673,660	28	95.96
S15BD07017	<i>S. sonnei</i>	NRC	342	25,362	4,571,296	46	96.82
S15BD07161	<i>S. sonnei</i>	NRC	320	26,034	4,600,815	53	95.63
S15BD07522	<i>S. sonnei</i>	NRC	317	25,093	4,353,346	58	96.11
S15BD09124	<i>S. sonnei</i>	NRC	337	25,090	4,428,339	20	95.92
S15BD09162	<i>S. sonnei</i>	NRC	322	25,752	4,507,217	53	96.36
S15BD09356	<i>S. sonnei</i>	NRC	394	19,980	4,400,601	14	95.37
S15BD09628	<i>S. sonnei</i>	NRC	358	25,093	4,585,055	48	96.4
S15BD09656	<i>S. sonnei</i>	NRC	346	25,362	4,499,448	57	96.18
S15BD10104	<i>S. sonnei</i>	NRC	349	23,736	4,530,451	34	96.5
S15BD10108	<i>S. sonnei</i>	NRC	358	24,288	4,561,895	40	96.71
S15BD10196	<i>S. sonnei</i>	NRC	316	25,093	4,401,307	77	95.91

S15BD10296	<i>S. sonnei</i>	NRC	357	25,362	4,571,975	31	97.02
S16BD00285	<i>S. sonnei</i>	NRC	376	20,967	4,485,133	17	97.33
S16BD00582	<i>S. sonnei</i>	NRC	439	18,780	4,420,290	13	95.56
S16BD00590	<i>S. sonnei</i>	NRC	342	23,743	4,353,982	24	97.21
S16BD00864	<i>S. sonnei</i>	NRC	612	5,041	2,180,785	10	62.76
S16BD01339	<i>S. sonnei</i>	NRC	392	22,253	4,506,415	21	95.64
S16BD01740	<i>S. sonnei</i>	NRC	499	16,925	4,566,783	12	96.14
S16BD01790	<i>S. sonnei</i>	NRC	432	20,404	4,426,329	13	97.23
S16BD02550	<i>S. sonnei</i>	NRC	233	1,968	457,748	9	25.24
S16BD02574	<i>S. sonnei</i>	NRC	456	18,016	4,412,759	12	95.36
S16BD03340	<i>S. sonnei</i>	NRC	384	20,381	4,468,742	16	96.58
S16BD04069	<i>S. sonnei</i>	NRC	402	20,699	4,442,828	18	96.55
S17BD01977	<i>S. sonnei</i>	NRC	604	13,291	3,926,773	11	79.86
S17BD02088	<i>S. sonnei</i>	NRC	324	27,760	4,672,550	26	95.54
S17BD02164	<i>S. sonnei</i>	NRC	347	27,365	4,757,295	52	94.01
S17BD02526	<i>S. sonnei</i>	NRC	334	27,760	4,744,044	70	96.27
S17BD02897	<i>S. sonnei</i>	NRC	348	25,362	4,691,437	34	96.71
S17BD03513	<i>S. sonnei</i>	NRC	305	25,905	4,420,806	29	97.19
S17BD04438	<i>S. sonnei</i>	NRC	307	29,174	4,713,302	30	97.51
S17BD06426	<i>S. sonnei</i>	NRC	351	25,389	4,588,596	27	93.6
S17BD06464	<i>S. sonnei</i>	NRC	350	25,093	4,558,442	39	89.22
S17BD06759	<i>S. sonnei</i>	NRC	314	25,905	4,507,542	37	96.96
S17BD06760	<i>S. sonnei</i>	NRC	341	25,752	4,702,512	28	85.29
S17BD06799	<i>S. sonnei</i>	NRC	337	25,389	4,579,048	29	83.69
S17BD06801	<i>S. sonnei</i>	NRC	333	25,905	4,677,080	27	93.6
S17BD07774	<i>S. sonnei</i>	NRC	340	25,362	4,625,615	22	82.2
S17BD07961	<i>S. sonnei</i>	NRC	322	25,362	4,416,549	31	88.39
S18BD00011	<i>S. sonnei</i>	NRC	323	25,663	4,592,423	35	96.57
S18BD00105	<i>S. sonnei</i>	NRC	354	25,752	4,720,189	31	81.96
S18BD00654	<i>S. sonnei</i>	NRC	327	26,034	4,588,322	24	93.18
S18BD01122	<i>S. sonnei</i>	NRC	298	27,654	4,416,112	28	97.11
S18BD01231	<i>S. sonnei</i>	NRC	353	25,752	4,823,199	34	92.35
S18BD01685	<i>S. sonnei</i>	NRC	328	25,906	4,664,797	27	84.08
S18BD01986	<i>S. sonnei</i>	NRC	377	25,760	4,842,947	31	92.66
S18BD02200	<i>S. sonnei</i>	NRC	327	24,536	4,461,350	35	80.78
ERR586833	<i>S. sonnei</i>	The2018	333	23,592	4,401,895	81	96.02
ERR586837	<i>S. sonnei</i>	The2018	330	25,218	4,400,435	71	95.76
ERR586838	<i>S. sonnei</i>	The2018	335	24,068	4,406,668	70	95.88
ERR591154	<i>S. sonnei</i>	The2018	366	23,592	4,597,220	89	95.96
ERR591156	<i>S. sonnei</i>	The2018	354	23,963	4,568,602	80	95.92
ERR591166	<i>S. sonnei</i>	The2018	325	24,068	4,350,694	89	95.4
ERR591176	<i>S. sonnei</i>	The2018	328	23,353	4,346,920	98	95.09
ERR591179	<i>S. sonnei</i>	The2018	351	23,592	4,466,132	81	95.14
ERR591185	<i>S. sonnei</i>	The2018	322	24,671	4,344,086	80	93.29
ERR591188	<i>S. sonnei</i>	The2018	324	23,592	4,341,436	77	95.74
ERR591211	<i>S. sonnei</i>	The2018	357	23,966	4,491,047	87	94.18
ERR591218	<i>S. sonnei</i>	The2018	329	24,348	4,382,963	81	95.69
ERR591405	<i>S. sonnei</i>	The2018	359	23,967	4,486,573	75	94.71
ERR592006	<i>S. sonnei</i>	The2018	359	24,348	4,583,179	107	96.22
ERR592007	<i>S. sonnei</i>	The2018	362	23,889	4,500,081	104	94.34

ERR592013	<i>S. sonnei</i>	The2018	353	24,949	4,479,121	73	94.06
ERR592030	<i>S. sonnei</i>	The2018	361	23,890	4,492,399	85	95.73
ERR592189	<i>S. sonnei</i>	The2018	360	23,353	4,462,860	98	94.97
ERR592269	<i>S. sonnei</i>	The2018	368	24,068	4,605,402	92	94.33
ERR592270	<i>S. sonnei</i>	The2018	363	23,963	4,485,888	97	95.11
ERR592449	<i>S. sonnei</i>	The2018	361	23,592	4,488,678	84	94.98
ERR708271	<i>S. sonnei</i>	The2018	332	23,353	4,352,229	106	95.91
ERR708272	<i>S. sonnei</i>	The2018	327	23,965	4,353,979	117	94.67
ERR708273	<i>S. sonnei</i>	The2018	319	25,218	4,375,249	123	95.9
ERR708274	<i>S. sonnei</i>	The2018	366	23,890	4,583,560	131	95.61
ERR708275	<i>S. sonnei</i>	The2018	328	23,353	4,341,189	117	95.3
ERR708276	<i>S. sonnei</i>	The2018	362	23,890	4,487,861	102	95.65
ERR708277	<i>S. sonnei</i>	The2018	338	23,592	4,390,289	112	94.78
ERR708278	<i>S. sonnei</i>	The2018	325	25,538	4,449,455	90	95.23
ERR708279	<i>S. sonnei</i>	The2018	327	23,353	4,402,096	103	95.2
ERR708280	<i>S. sonnei</i>	The2018	330	23,592	4,354,974	115	96.71
ERR708281	<i>S. sonnei</i>	The2018	359	23,890	4,480,253	168	94.41
ERR708282	<i>S. sonnei</i>	The2018	321	25,218	4,397,183	129	94.18
ERR708283	<i>S. sonnei</i>	The2018	324	24,724	4,408,284	103	94.17
ERR708284	<i>S. sonnei</i>	The2018	329	24,587	4,403,418	120	94.88
ERR708285	<i>S. sonnei</i>	The2018	333	24,949	4,353,935	103	95.28
ERR708286	<i>S. sonnei</i>	The2018	328	24,949	4,449,008	105	94.85
ERR708287	<i>S. sonnei</i>	The2018	329	25,245	4,540,465	105	95.58
ERR708288	<i>S. sonnei</i>	The2018	364	24,348	4,670,973	106	94.17
ERR708289	<i>S. sonnei</i>	The2018	365	23,890	4,655,093	121	94.15
ERR708290	<i>S. sonnei</i>	The2018	330	25,245	4,561,189	118	94.23
SRR1605255	<i>S. sonnei</i>	The2018	326	25,752	4,509,584	65	96.6
SRR2081185	<i>S. sonnei</i>	The2018	336	26,828	4,676,824	74	97.06
SRR2081189	<i>S. sonnei</i>	The2018	328	25,389	4,411,790	97	96.53
SRR2087717	<i>S. sonnei</i>	The2018	317	25,905	4,511,224	73	97.05
SRR2097498	<i>S. sonnei</i>	The2018	324	25,390	4,512,643	47	96.69
SRR3473843	<i>S. sonnei</i>	The2018	348	23,313	4,364,414	88	95.26
SRR3473844	<i>S. sonnei</i>	The2018	345	23,313	4,354,424	91	95.42
SRR3473847	<i>S. sonnei</i>	The2018	345	23,313	4,352,501	93	93.64
SRR3473848	<i>S. sonnei</i>	The2018	345	22,393	4,422,779	95	95.56
SRR3473849	<i>S. sonnei</i>	The2018	352	21,802	4,361,059	94	95.51
SRR3473850	<i>S. sonnei</i>	The2018	322	24,993	4,364,872	60	95.44
SRR3473853	<i>S. sonnei</i>	The2018	325	23,636	4,359,218	32	95.08
SRR3473854	<i>S. sonnei</i>	The2018	321	25,652	4,473,211	50	92.98
SRR3473855	<i>S. sonnei</i>	The2018	344	22,437	4,358,847	100	94.57
SRR3473856	<i>S. sonnei</i>	The2018	356	23,880	4,353,489	90	94.21
SRR3473857	<i>S. sonnei</i>	The2018	344	23,637	4,394,262	98	95.79
SRR3473858	<i>S. sonnei</i>	The2018	327	25,652	4,341,262	100	96.28
SRR3473859	<i>S. sonnei</i>	The2018	348	23,398	4,361,237	95	95.38
SRR3473860	<i>S. sonnei</i>	The2018	322	23,934	4,210,522	102	95.79
SRR3473861	<i>S. sonnei</i>	The2018	357	25,590	4,534,216	78	96.4
SRR3473862	<i>S. sonnei</i>	The2018	350	23,636	4,394,943	98	95.62
SRR3474162	<i>S. sonnei</i>	The2018	338	23,756	4,420,498	20	96.9
SRR3474163	<i>S. sonnei</i>	The2018	9	9,555	77,416	105	19.46
SRR3474164	<i>S. sonnei</i>	The2018	333	25,690	4,628,590	21	96.37

SRR3474165	<i>S. sonnei</i>	The2018	366	25,752	4,714,206	41	96.5
SRR3474166	<i>S. sonnei</i>	The2018	412	23,736	4,793,675	20	96.08
SRR3474167	<i>S. sonnei</i>	The2018	345	24,180	4,418,439	26	97.17
SRR3474168	<i>S. sonnei</i>	The2018	375	23,415	4,444,819	18	96.6
SRR3474169	<i>S. sonnei</i>	The2018	392	22,395	4,586,228	18	97.55
SRR3474170	<i>S. sonnei</i>	The2018	58	5,594	241,367	30	24.83
SRR3474171	<i>S. sonnei</i>	The2018	21	5,241	68,261	225	24.28
SRR3474172	<i>S. sonnei</i>	The2018	36	5,241	130,600	58	16.46

Supplementary Table S4: Percentage of cgMLST alleles identified.

Sample	Species	Collection	% cgMLST alleles identified
ERR316291	<i>S. sonnei</i>	Baker2017	99.44
ERR316299	<i>S. sonnei</i>	Baker2017	98.89
ERR316306	<i>S. sonnei</i>	Baker2017	99.52
ERR586833	<i>S. sonnei</i>	The2016	99.52
ERR586837	<i>S. sonnei</i>	The2016	99.44
ERR586838	<i>S. sonnei</i>	The2016	99.44
ERR591154	<i>S. sonnei</i>	The2016	99.48
ERR591156	<i>S. sonnei</i>	The2016	99.56
ERR591166	<i>S. sonnei</i>	The2016	99.52
ERR591176	<i>S. sonnei</i>	The2016	99.44
ERR591179	<i>S. sonnei</i>	The2016	99.40
ERR591185	<i>S. sonnei</i>	The2016	99.44
ERR591188	<i>S. sonnei</i>	The2016	99.24
ERR591211	<i>S. sonnei</i>	The2016	99.44
ERR591218	<i>S. sonnei</i>	The2016	99.48
ERR591405	<i>S. sonnei</i>	The2016	99.40
ERR592006	<i>S. sonnei</i>	The2016	99.56
ERR592007	<i>S. sonnei</i>	The2016	98.93
ERR592013	<i>S. sonnei</i>	The2016	99.40
ERR592030	<i>S. sonnei</i>	The2016	99.28
ERR592189	<i>S. sonnei</i>	The2016	99.32
ERR592269	<i>S. sonnei</i>	The2016	99.28
ERR592270	<i>S. sonnei</i>	The2016	99.32
ERR592449	<i>S. sonnei</i>	The2016	99.32
ERR708271	<i>S. sonnei</i>	The2016	99.16
ERR708272	<i>S. sonnei</i>	The2016	99.32
ERR708273	<i>S. sonnei</i>	The2016	99.68
ERR708274	<i>S. sonnei</i>	The2016	99.52
ERR708275	<i>S. sonnei</i>	The2016	99.40
ERR708276	<i>S. sonnei</i>	The2016	99.40
ERR708277	<i>S. sonnei</i>	The2016	99.48
ERR708278	<i>S. sonnei</i>	The2016	99.60
ERR708279	<i>S. sonnei</i>	The2016	99.40
ERR708280	<i>S. sonnei</i>	The2016	99.56
ERR708281	<i>S. sonnei</i>	The2016	99.44
ERR708282	<i>S. sonnei</i>	The2016	99.52
ERR708283	<i>S. sonnei</i>	The2016	99.28
ERR708284	<i>S. sonnei</i>	The2016	96.26
ERR708285	<i>S. sonnei</i>	The2016	99.32
ERR708286	<i>S. sonnei</i>	The2016	99.16
ERR708287	<i>S. sonnei</i>	The2016	98.97
ERR708288	<i>S. sonnei</i>	The2016	99.08
ERR708289	<i>S. sonnei</i>	The2016	99.44
ERR708290	<i>S. sonnei</i>	The2016	99.08
SRR1605255	<i>S. sonnei</i>	The2016	99.40
SRR2081185	<i>S. sonnei</i>	The2016	99.44
SRR2081189	<i>S. sonnei</i>	The2016	99.28

SRR2087717	<i>S. sonnei</i>	The2016	99.16
SRR2097498	<i>S. sonnei</i>	The2016	99.52
SRR3473843	<i>S. sonnei</i>	The2016	99.44
SRR3473844	<i>S. sonnei</i>	The2016	99.40
SRR3473847	<i>S. sonnei</i>	The2016	99.36
SRR3473848	<i>S. sonnei</i>	The2016	99.40
SRR3473849	<i>S. sonnei</i>	The2016	99.12
SRR3473850	<i>S. sonnei</i>	The2016	99.32
SRR3473853	<i>S. sonnei</i>	The2016	99.52
SRR3473854	<i>S. sonnei</i>	The2016	99.44
SRR3473855	<i>S. sonnei</i>	The2016	99.48
SRR3473856	<i>S. sonnei</i>	The2016	99.40
SRR3473857	<i>S. sonnei</i>	The2016	99.32
SRR3473858	<i>S. sonnei</i>	The2016	99.20
SRR3473859	<i>S. sonnei</i>	The2016	99.28
SRR3473860	<i>S. sonnei</i>	The2016	99.20
SRR3473861	<i>S. sonnei</i>	The2016	99.32
SRR3473862	<i>S. sonnei</i>	The2016	98.61
SRR3474162	<i>S. sonnei</i>	The2016	99.28
SRR3474163	<i>S. sonnei</i>	The2016	99.48
SRR3474164	<i>S. sonnei</i>	The2016	99.12
SRR3474165	<i>S. sonnei</i>	The2016	99.20
SRR3474166	<i>S. sonnei</i>	The2016	99.44
SRR3474167	<i>S. sonnei</i>	The2016	99.20
SRR3474168	<i>S. sonnei</i>	The2016	97.89
SRR3474169	<i>S. sonnei</i>	The2016	99.36
SRR3474170	<i>S. sonnei</i>	The2016	99.48
SRR3474171	<i>S. sonnei</i>	The2016	99.12
SRR3474172	<i>S. sonnei</i>	The2016	99.20
ERR042796	<i>S. flexneri</i>	Connor2015	98.81
ERR042797	<i>S. flexneri</i>	Connor2015	99.08
ERR042799	<i>S. flexneri</i>	Connor2015	97.41
ERR042803	<i>S. flexneri</i>	Connor2015	98.89
ERR042806	<i>S. flexneri</i>	Connor2015	34.94
ERR042810	<i>S. flexneri</i>	Connor2015	99.28
ERR042811	<i>S. flexneri</i>	Connor2015	97.45
ERR042814	<i>S. flexneri</i>	Connor2015	99.20
ERR042816	<i>S. flexneri</i>	Connor2015	99.20
ERR042819	<i>S. flexneri</i>	Connor2015	99.24
ERR042821	<i>S. flexneri</i>	Connor2015	94.67
ERR042824	<i>S. flexneri</i>	Connor2015	99.48
ERR042825	<i>S. flexneri</i>	Connor2015	99.24
ERR042827	<i>S. flexneri</i>	Connor2015	99.24
ERR042831	<i>S. flexneri</i>	Connor2015	98.89
ERR042832	<i>S. flexneri</i>	Connor2015	99.40
ERR042833	<i>S. flexneri</i>	Connor2015	98.21
ERR042835	<i>S. flexneri</i>	Connor2015	99.20
ERR042837	<i>S. flexneri</i>	Connor2015	98.25
ERR042838	<i>S. flexneri</i>	Connor2015	99.12
ERR042839	<i>S. flexneri</i>	Connor2015	98.97

ERR042840	<i>S. flexneri</i>	Connor2015	99.20
ERR042841	<i>S. flexneri</i>	Connor2015	99.20
ERR042842	<i>S. flexneri</i>	Connor2015	97.89
ERR042843	<i>S. flexneri</i>	Connor2015	97.69
ERR042845	<i>S. flexneri</i>	Connor2015	97.41
ERR042849	<i>S. flexneri</i>	Connor2015	98.49
ERR042851	<i>S. flexneri</i>	Connor2015	97.61
ERR042852	<i>S. flexneri</i>	Connor2015	99.04
ERR042853	<i>S. flexneri</i>	Connor2015	99.20
ERR042855	<i>S. flexneri</i>	Connor2015	99.52
ERR042858	<i>S. flexneri</i>	Connor2015	99.40
ERR042860	<i>S. flexneri</i>	Connor2015	99.20
ERR042861	<i>S. flexneri</i>	Connor2015	99.32
ERR042863	<i>S. flexneri</i>	Connor2015	99.52
ERR047236	<i>S. flexneri</i>	Connor2015	99.36
ERR047239	<i>S. flexneri</i>	Connor2015	99.12
ERR047294	<i>S. flexneri</i>	Connor2015	98.49
ERR047297	<i>S. flexneri</i>	Connor2015	99.60
ERR047306	<i>S. flexneri</i>	Connor2015	98.29
ERR047307	<i>S. flexneri</i>	Connor2015	99.20
ERR047372	<i>S. flexneri</i>	Connor2015	99.24
ERR047396	<i>S. flexneri</i>	Connor2015	99.32
ERR047406	<i>S. flexneri</i>	Connor2015	98.65
ERR048234	<i>S. flexneri</i>	Connor2015	98.29
ERR048246	<i>S. flexneri</i>	Connor2015	98.73
ERR048259	<i>S. flexneri</i>	Connor2015	98.01
ERR048261	<i>S. flexneri</i>	Connor2015	99.12
ERR048265	<i>S. flexneri</i>	Connor2015	99.36
ERR048285	<i>S. flexneri</i>	Connor2015	99.08
ERR048286	<i>S. flexneri</i>	Connor2015	99.20
ERR048287	<i>S. flexneri</i>	Connor2015	98.81
ERR048288	<i>S. flexneri</i>	Connor2015	99.12
ERR048290	<i>S. flexneri</i>	Connor2015	98.81
ERR048295	<i>S. flexneri</i>	Connor2015	99.12
ERR048296	<i>S. flexneri</i>	Connor2015	97.17
ERR048300	<i>S. flexneri</i>	Connor2015	97.89
ERR048302	<i>S. flexneri</i>	Connor2015	98.81
ERR048304	<i>S. flexneri</i>	Connor2015	99.12
ERR048306	<i>S. flexneri</i>	Connor2015	99.12
ERR048311	<i>S. flexneri</i>	Connor2015	98.29
ERR048312	<i>S. flexneri</i>	Connor2015	98.25
ERR048313	<i>S. flexneri</i>	Connor2015	99.04
ERR048315	<i>S. flexneri</i>	Connor2015	98.85
ERR048316	<i>S. flexneri</i>	Connor2015	98.41
ERR048317	<i>S. flexneri</i>	Connor2015	97.97
ERR048319	<i>S. flexneri</i>	Connor2015	98.65
ERR048320	<i>S. flexneri</i>	Connor2015	98.77
ERR048322	<i>S. flexneri</i>	Connor2015	99.16
ERR048329	<i>S. flexneri</i>	Connor2015	98.77
ERR048331	<i>S. flexneri</i>	Connor2015	41.62

ERR048332	<i>S. flexneri</i>	Connor2015	16.75
ERR048333	<i>S. flexneri</i>	Connor2015	99.16
ERR048334	<i>S. flexneri</i>	Connor2015	98.73
ERR048339	<i>S. flexneri</i>	Connor2015	98.45
ERR049152	<i>S. flexneri</i>	Connor2015	99.60
ERR126958	<i>S. flexneri</i>	Connor2015	98.69
ERR127015	<i>S. flexneri</i>	Connor2015	98.49
ERR127017	<i>S. flexneri</i>	Connor2015	97.53
ERR127019	<i>S. flexneri</i>	Connor2015	98.21
ERR127032	<i>S. flexneri</i>	Connor2015	99.24
ERR127034	<i>S. flexneri</i>	Connor2015	98.69
ERR127035	<i>S. flexneri</i>	Connor2015	98.45
ERR127036	<i>S. flexneri</i>	Connor2015	98.49
ERR127037	<i>S. flexneri</i>	Connor2015	98.01
ERR127038	<i>S. flexneri</i>	Connor2015	98.89
ERR127039	<i>S. flexneri</i>	Connor2015	98.65
ERR127040	<i>S. flexneri</i>	Connor2015	97.85
ERR127041	<i>S. flexneri</i>	Connor2015	98.45
ERR127042	<i>S. flexneri</i>	Connor2015	98.61
ERR127043	<i>S. flexneri</i>	Connor2015	97.49
ERR127044	<i>S. flexneri</i>	Connor2015	97.93
ERR127046	<i>S. flexneri</i>	Connor2015	98.97
ERR127047	<i>S. flexneri</i>	Connor2015	99.28
ERR127048	<i>S. flexneri</i>	Connor2015	88.14
ERR200344	<i>S. flexneri</i>	Connor2015	98.77
ERR200360	<i>S. flexneri</i>	Connor2015	96.94
ERR200365	<i>S. flexneri</i>	Connor2015	99.08
ERR200370	<i>S. flexneri</i>	Connor2015	97.49
ERR200378	<i>S. flexneri</i>	Connor2015	99.36
ERR200379	<i>S. flexneri</i>	Connor2015	93.35
ERR200390	<i>S. flexneri</i>	Connor2015	94.19
ERR200392	<i>S. flexneri</i>	Connor2015	97.53
ERR200393	<i>S. flexneri</i>	Connor2015	99.12
ERR200402	<i>S. flexneri</i>	Connor2015	87.94
ERR200403	<i>S. flexneri</i>	Connor2015	82.01
ERR200405	<i>S. flexneri</i>	Connor2015	87.98
ERR200413	<i>S. flexneri</i>	Connor2015	99.12
ERR200414	<i>S. flexneri</i>	Connor2015	97.73
ERR200415	<i>S. flexneri</i>	Connor2015	97.17
ERR217012	<i>S. flexneri</i>	Connor2015	97.45
ERR217013	<i>S. flexneri</i>	Connor2015	82.89
ERR217015	<i>S. flexneri</i>	Connor2015	85.87
ERR217016	<i>S. flexneri</i>	Connor2015	87.23
ERR217022	<i>S. flexneri</i>	Connor2015	78.07
ERR217023	<i>S. flexneri</i>	Connor2015	74.73
ERR217024	<i>S. flexneri</i>	Connor2015	98.41
ERR217026	<i>S. flexneri</i>	Connor2015	99.16
ERR217028	<i>S. flexneri</i>	Connor2015	98.53
ERR217030	<i>S. flexneri</i>	Connor2015	99.04
ERR217031	<i>S. flexneri</i>	Connor2015	98.53

ERR217032	<i>S. flexneri</i>	Connor2015	98.29
ERR217033	<i>S. flexneri</i>	Connor2015	99.32
ERR217047	<i>S. flexneri</i>	Connor2015	98.53
ERR217080	<i>S. flexneri</i>	Connor2015	99.08
ERR217081	<i>S. flexneri</i>	Connor2015	99.28
ERR217084	<i>S. flexneri</i>	Connor2015	99.40
ERR559526	<i>S. flexneri</i>	Connor2015	99.36
ERR832453	<i>S. flexneri</i>	Connor2015	99.32
ERR832456	<i>S. flexneri</i>	Connor2015	99.40
ERR832457	<i>S. flexneri</i>	Connor2015	99.32
ERR832459	<i>S. flexneri</i>	Connor2015	98.53
ERR832460	<i>S. flexneri</i>	Connor2015	98.73
ERR832461	<i>S. flexneri</i>	Connor2015	99.40
ERR832462	<i>S. flexneri</i>	Connor2015	99.60
ERR832464	<i>S. flexneri</i>	Connor2015	99.36
ERR832465	<i>S. flexneri</i>	Connor2015	98.89
ERR832467	<i>S. flexneri</i>	Connor2015	99.56
ERR832468	<i>S. flexneri</i>	Connor2015	98.17
ERR832470	<i>S. flexneri</i>	Connor2015	98.73
ERR832471	<i>S. flexneri</i>	Connor2015	99.64
ERR832473	<i>S. flexneri</i>	Connor2015	99.64
ERR832474	<i>S. flexneri</i>	Connor2015	98.45
ERR832477	<i>S. flexneri</i>	Connor2015	99.32
ERR832480	<i>S. flexneri</i>	Connor2015	99.04
ERR832481	<i>S. flexneri</i>	Connor2015	98.93
ERR832483	<i>S. flexneri</i>	Connor2015	98.49
ERR832485	<i>S. flexneri</i>	Connor2015	99.36
ERR832486	<i>S. flexneri</i>	Connor2015	98.49
ERR832487	<i>S. flexneri</i>	Connor2015	98.45
ERR832489	<i>S. flexneri</i>	Connor2015	99.12
ERR832490	<i>S. flexneri</i>	Connor2015	99.20
ERR832491	<i>S. flexneri</i>	Connor2015	99.04
ERR832492	<i>S. flexneri</i>	Connor2015	99.64
ERR832494	<i>S. flexneri</i>	Connor2015	98.45
ERR024604	<i>S. sonnei</i>	Holt2012	98.33
ERR024605	<i>S. sonnei</i>	Holt2012	99.12
ERR024606	<i>S. sonnei</i>	Holt2012	99.44
ERR024607	<i>S. sonnei</i>	Holt2012	98.25
ERR024608	<i>S. sonnei</i>	Holt2012	99.36
ERR024609	<i>S. sonnei</i>	Holt2012	99.52
ERR024610	<i>S. sonnei</i>	Holt2012	98.65
ERR024611	<i>S. sonnei</i>	Holt2012	99.44
ERR024612	<i>S. sonnei</i>	Holt2012	99.48
ERR024616	<i>S. sonnei</i>	Holt2012	98.45
ERR024617	<i>S. sonnei</i>	Holt2012	99.24
ERR024618	<i>S. sonnei</i>	Holt2012	99.16
ERR024619	<i>S. sonnei</i>	Holt2012	74.49
ERR024620	<i>S. sonnei</i>	Holt2012	42.66
ERR024621	<i>S. sonnei</i>	Holt2012	5.65
ERR024622	<i>S. sonnei</i>	Holt2012	99.52

ERR024625	<i>S. sonnei</i>	Holt2012	99.24
ERR024626	<i>S. sonnei</i>	Holt2012	99.64
ERR024627	<i>S. sonnei</i>	Holt2012	99.44
ERR025682	<i>S. sonnei</i>	Holt2012	99.32
ERR025683	<i>S. sonnei</i>	Holt2012	99.40
ERR025685	<i>S. sonnei</i>	Holt2012	99.04
ERR025686	<i>S. sonnei</i>	Holt2012	99.48
ERR025687	<i>S. sonnei</i>	Holt2012	99.20
ERR025689	<i>S. sonnei</i>	Holt2012	98.81
ERR025690	<i>S. sonnei</i>	Holt2012	99.08
ERR025691	<i>S. sonnei</i>	Holt2012	98.41
ERR025692	<i>S. sonnei</i>	Holt2012	98.93
ERR025693	<i>S. sonnei</i>	Holt2012	99.64
ERR025695	<i>S. sonnei</i>	Holt2012	99.44
ERR025697	<i>S. sonnei</i>	Holt2012	99.36
ERR025698	<i>S. sonnei</i>	Holt2012	98.85
ERR025699	<i>S. sonnei</i>	Holt2012	99.68
ERR025700	<i>S. sonnei</i>	Holt2012	98.25
ERR025701	<i>S. sonnei</i>	Holt2012	99.20
ERR025702	<i>S. sonnei</i>	Holt2012	99.52
ERR025703	<i>S. sonnei</i>	Holt2012	99.56
ERR025704	<i>S. sonnei</i>	Holt2012	99.20
ERR025705	<i>S. sonnei</i>	Holt2012	99.48
ERR025706	<i>S. sonnei</i>	Holt2012	99.40
ERR025708	<i>S. sonnei</i>	Holt2012	99.12
ERR025709	<i>S. sonnei</i>	Holt2012	99.24
ERR025710	<i>S. sonnei</i>	Holt2012	99.12
ERR025711	<i>S. sonnei</i>	Holt2012	99.52
ERR025712	<i>S. sonnei</i>	Holt2012	99.52
ERR025713	<i>S. sonnei</i>	Holt2012	99.36
ERR025714	<i>S. sonnei</i>	Holt2012	99.60
ERR025715	<i>S. sonnei</i>	Holt2012	99.48
ERR025716	<i>S. sonnei</i>	Holt2012	98.57
ERR025717	<i>S. sonnei</i>	Holt2012	98.69
ERR025718	<i>S. sonnei</i>	Holt2012	98.21
ERR025719	<i>S. sonnei</i>	Holt2012	99.40
ERR025721	<i>S. sonnei</i>	Holt2012	99.44
ERR025724	<i>S. sonnei</i>	Holt2012	99.48
ERR025725	<i>S. sonnei</i>	Holt2012	99.32
ERR025726	<i>S. sonnei</i>	Holt2012	99.40
ERR025727	<i>S. sonnei</i>	Holt2012	98.05
ERR025729	<i>S. sonnei</i>	Holt2012	99.56
ERR025730	<i>S. sonnei</i>	Holt2012	99.36
ERR025731	<i>S. sonnei</i>	Holt2012	99.52
ERR025732	<i>S. sonnei</i>	Holt2012	99.48
ERR025734	<i>S. sonnei</i>	Holt2012	99.08
ERR025735	<i>S. sonnei</i>	Holt2012	99.36
ERR025737	<i>S. sonnei</i>	Holt2012	99.52
ERR025738	<i>S. sonnei</i>	Holt2012	98.33
ERR025741	<i>S. sonnei</i>	Holt2012	97.53

ERR025742	<i>S. sonnei</i>	Holt2012	96.74
ERR025743	<i>S. sonnei</i>	Holt2012	99.40
ERR025744	<i>S. sonnei</i>	Holt2012	98.37
ERR025746	<i>S. sonnei</i>	Holt2012	99.52
ERR025747	<i>S. sonnei</i>	Holt2012	99.60
ERR025749	<i>S. sonnei</i>	Holt2012	97.65
ERR025750	<i>S. sonnei</i>	Holt2012	99.28
ERR025751	<i>S. sonnei</i>	Holt2012	99.52
ERR025752	<i>S. sonnei</i>	Holt2012	98.73
ERR025753	<i>S. sonnei</i>	Holt2012	99.04
ERR025754	<i>S. sonnei</i>	Holt2012	99.32
ERR025755	<i>S. sonnei</i>	Holt2012	99.56
ERR025756	<i>S. sonnei</i>	Holt2012	99.56
ERR025758	<i>S. sonnei</i>	Holt2012	99.48
ERR025759	<i>S. sonnei</i>	Holt2012	99.48
ERR025761	<i>S. sonnei</i>	Holt2012	99.24
ERR025762	<i>S. sonnei</i>	Holt2012	99.36
ERR025763	<i>S. sonnei</i>	Holt2012	99.40
ERR025765	<i>S. sonnei</i>	Holt2012	98.09
ERR025767	<i>S. sonnei</i>	Holt2012	95.94
ERR025768	<i>S. sonnei</i>	Holt2012	97.85
ERR028671	<i>S. sonnei</i>	Holt2012	99.44
ERR028672	<i>S. sonnei</i>	Holt2012	99.36
ERR028673	<i>S. sonnei</i>	Holt2012	99.44
ERR028674	<i>S. sonnei</i>	Holt2012	99.44
ERR028675	<i>S. sonnei</i>	Holt2012	99.44
ERR028676	<i>S. sonnei</i>	Holt2012	99.52
ERR028677	<i>S. sonnei</i>	Holt2012	99.36
ERR028678	<i>S. sonnei</i>	Holt2012	99.36
ERR028679	<i>S. sonnei</i>	Holt2012	96.82
ERR028680	<i>S. sonnei</i>	Holt2012	98.97
ERR028681	<i>S. sonnei</i>	Holt2012	99.32
ERR028684	<i>S. sonnei</i>	Holt2012	99.40
ERR028685	<i>S. sonnei</i>	Holt2012	99.36
ERR028686	<i>S. sonnei</i>	Holt2012	98.85
ERR028687	<i>S. sonnei</i>	Holt2012	98.65
ERR028688	<i>S. sonnei</i>	Holt2012	98.45
ERR028689	<i>S. sonnei</i>	Holt2012	99.52
ERR028690	<i>S. sonnei</i>	Holt2012	98.69
ERR028691	<i>S. sonnei</i>	Holt2012	97.77
ERR028692	<i>S. sonnei</i>	Holt2012	98.17
ERR028693	<i>S. sonnei</i>	Holt2012	99.56
ERR028694	<i>S. sonnei</i>	Holt2012	99.12
ERR028695	<i>S. sonnei</i>	Holt2012	98.77
ERR028697	<i>S. sonnei</i>	Holt2012	99.60
ERR028699	<i>S. sonnei</i>	Holt2012	97.77
ERR028700	<i>S. sonnei</i>	Holt2012	99.56
ERR028702	<i>S. sonnei</i>	Holt2012	96.18
ERR028703	<i>S. sonnei</i>	Holt2012	98.25
ERR028704	<i>S. sonnei</i>	Holt2012	99.01

ERR028705	<i>S. sonnei</i>	Holt2012	99.48
ERR028706	<i>S. sonnei</i>	Holt2012	97.37
ERR316291	<i>S. sonnei</i>	Holt2012	99.52
ERR316299	<i>S. sonnei</i>	Holt2012	98.73
ERR316306	<i>S. sonnei</i>	Holt2012	99.52
S13BD00302	<i>S. flexneri</i>	NRC	99.04
S13BD00535	<i>S. flexneri</i>	NRC	98.61
S13BD00702	<i>S. flexneri</i>	NRC	97.21
S13BD00854	<i>S. flexneri</i>	NRC	99.28
S13BD01310	<i>S. flexneri</i>	NRC	99.40
S13BD01692	<i>S. flexneri</i>	NRC	99.28
S13BD02195	<i>S. flexneri</i>	NRC	99.36
S13BD02470	<i>S. flexneri</i>	NRC	98.97
S13BD03084	<i>S. flexneri</i>	NRC	97.97
S13BD04017	<i>S. flexneri</i>	NRC	97.65
S13BD04231	<i>S. flexneri</i>	NRC	97.69
S14BD00799	<i>S. flexneri</i>	NRC	98.73
S14BD01131	<i>S. flexneri</i>	NRC	99.12
S14BD01142	<i>S. flexneri</i>	NRC	99.24
S14BD01714	<i>S. flexneri</i>	NRC	98.97
S14BD02502	<i>S. flexneri</i>	NRC	97.73
S14BD02795	<i>S. flexneri</i>	NRC	97.37
S14BD05234	<i>S. flexneri</i>	NRC	97.57
S14BD05285	<i>S. flexneri</i>	NRC	97.77
S15BD00055	<i>S. flexneri</i>	NRC	97.61
S15BD00457	<i>S. flexneri</i>	NRC	97.65
S15BD00494	<i>S. flexneri</i>	NRC	97.65
S15BD02368	<i>S. flexneri</i>	NRC	97.65
S15BD02726	<i>S. flexneri</i>	NRC	96.38
S15BD02867	<i>S. flexneri</i>	NRC	96.74
S15BD04659	<i>S. flexneri</i>	NRC	98.93
S15BD05228	<i>S. flexneri</i>	NRC	97.61
S15BD06353	<i>S. flexneri</i>	NRC	97.49
S15BD06515	<i>S. flexneri</i>	NRC	98.89
S15BD08204	<i>S. flexneri</i>	NRC	97.37
S15BD08762	<i>S. flexneri</i>	NRC	98.21
S15BD09335	<i>S. flexneri</i>	NRC	99.12
S15BD09453	<i>S. flexneri</i>	NRC	98.53
S15BD09529	<i>S. flexneri</i>	NRC	99.01
S16BD00148	<i>S. flexneri</i>	NRC	99.04
S16BD00463	<i>S. flexneri</i>	NRC	96.98
S16BD01789	<i>S. flexneri</i>	NRC	97.65
S16BD01991	<i>S. flexneri</i>	NRC	97.25
S16BD02637	<i>S. flexneri</i>	NRC	97.13
S16BD02856	<i>S. flexneri</i>	NRC	73.02
S16BD03590	<i>S. flexneri</i>	NRC	2.87
S16BD03881	<i>S. flexneri</i>	NRC	6.13
S16BD04652	<i>S. flexneri</i>	NRC	2.07
S16BD07706	<i>S. flexneri</i>	NRC	0.88
S17BD00498	<i>S. flexneri</i>	NRC	0.12

S17BD00886	<i>S. flexneri</i>	NRC	0.60
S17BD02190	<i>S. flexneri</i>	NRC	0.52
S17BD02300	<i>S. flexneri</i>	NRC	0.00
S17BD03514	<i>S. flexneri</i>	NRC	0.20
S17BD04033	<i>S. flexneri</i>	NRC	0.08
S17BD04223	<i>S. flexneri</i>	NRC	0.00
S17BD04752	<i>S. flexneri</i>	NRC	0.00
S17BD06364	<i>S. flexneri</i>	NRC	0.00
S17BD07654	<i>S. flexneri</i>	NRC	0.00
S17BD08054	<i>S. flexneri</i>	NRC	0.00
S17BD08194	<i>S. flexneri</i>	NRC	0.00
S17BD08237	<i>S. flexneri</i>	NRC	0.00
S18BD00005	<i>S. flexneri</i>	NRC	0.00
S18BD00006	<i>S. flexneri</i>	NRC	0.00
S18BD01109	<i>S. flexneri</i>	NRC	0.00
S18BD01126	<i>S. flexneri</i>	NRC	0.00
S18BD01471	<i>S. flexneri</i>	NRC	0.00
S13BD00834	<i>S. sonnei</i>	NRC	97.73
S13BD00906	<i>S. sonnei</i>	NRC	99.40
S13BD02106	<i>S. sonnei</i>	NRC	99.40
S13BD02107	<i>S. sonnei</i>	NRC	99.20
S13BD02670	<i>S. sonnei</i>	NRC	99.56
S13BD02671	<i>S. sonnei</i>	NRC	98.37
S13BD03196	<i>S. sonnei</i>	NRC	98.57
S13BD03288	<i>S. sonnei</i>	NRC	99.01
S13BD03539	<i>S. sonnei</i>	NRC	99.44
S13BD04360	<i>S. sonnei</i>	NRC	98.37
S14BD00913	<i>S. sonnei</i>	NRC	98.33
S14BD03054	<i>S. sonnei</i>	NRC	98.21
S14BD03397	<i>S. sonnei</i>	NRC	98.33
S14BD03573	<i>S. sonnei</i>	NRC	97.25
S14BD04882	<i>S. sonnei</i>	NRC	95.30
S14BD04971	<i>S. sonnei</i>	NRC	99.32
S14BD05043	<i>S. sonnei</i>	NRC	99.52
S15BD00569	<i>S. sonnei</i>	NRC	99.36
S15BD00797	<i>S. sonnei</i>	NRC	99.32
S15BD00889	<i>S. sonnei</i>	NRC	99.28
S15BD00932	<i>S. sonnei</i>	NRC	99.36
S15BD01283	<i>S. sonnei</i>	NRC	99.44
S15BD02324	<i>S. sonnei</i>	NRC	99.48
S15BD02325	<i>S. sonnei</i>	NRC	99.04
S15BD02326	<i>S. sonnei</i>	NRC	99.60
S15BD02407	<i>S. sonnei</i>	NRC	99.56
S15BD02515	<i>S. sonnei</i>	NRC	99.40
S15BD02737	<i>S. sonnei</i>	NRC	99.48
S15BD02979	<i>S. sonnei</i>	NRC	99.32
S15BD02995	<i>S. sonnei</i>	NRC	98.09
S15BD03192	<i>S. sonnei</i>	NRC	99.52
S15BD03801	<i>S. sonnei</i>	NRC	99.44
S15BD03806	<i>S. sonnei</i>	NRC	99.64

S15BD03807	<i>S. sonnei</i>	NRC	99.56
S15BD03808	<i>S. sonnei</i>	NRC	99.52
S15BD03850	<i>S. sonnei</i>	NRC	99.40
S15BD04030	<i>S. sonnei</i>	NRC	99.40
S15BD04031	<i>S. sonnei</i>	NRC	99.36
S15BD04165	<i>S. sonnei</i>	NRC	99.52
S15BD04166	<i>S. sonnei</i>	NRC	99.40
S15BD04402	<i>S. sonnei</i>	NRC	99.44
S15BD04792	<i>S. sonnei</i>	NRC	99.56
S15BD04848	<i>S. sonnei</i>	NRC	99.40
S15BD05940	<i>S. sonnei</i>	NRC	99.20
S15BD06471	<i>S. sonnei</i>	NRC	99.48
S15BD07017	<i>S. sonnei</i>	NRC	99.40
S15BD07161	<i>S. sonnei</i>	NRC	99.40
S15BD07522	<i>S. sonnei</i>	NRC	99.28
S15BD09124	<i>S. sonnei</i>	NRC	99.44
S15BD09162	<i>S. sonnei</i>	NRC	99.44
S15BD09356	<i>S. sonnei</i>	NRC	99.44
S15BD09628	<i>S. sonnei</i>	NRC	99.44
S15BD09656	<i>S. sonnei</i>	NRC	99.40
S15BD10104	<i>S. sonnei</i>	NRC	99.44
S15BD10108	<i>S. sonnei</i>	NRC	99.40
S15BD10196	<i>S. sonnei</i>	NRC	99.40
S15BD10296	<i>S. sonnei</i>	NRC	99.44
S16BD00285	<i>S. sonnei</i>	NRC	99.40
S16BD00582	<i>S. sonnei</i>	NRC	99.48
S16BD00590	<i>S. sonnei</i>	NRC	99.20
S16BD00864	<i>S. sonnei</i>	NRC	98.05
S16BD01339	<i>S. sonnei</i>	NRC	99.36
S16BD01740	<i>S. sonnei</i>	NRC	99.40
S16BD01790	<i>S. sonnei</i>	NRC	99.40
S16BD02550	<i>S. sonnei</i>	NRC	99.40
S16BD02574	<i>S. sonnei</i>	NRC	99.44
S16BD03340	<i>S. sonnei</i>	NRC	99.40
S16BD04069	<i>S. sonnei</i>	NRC	99.40
S17BD01977	<i>S. sonnei</i>	NRC	99.40
S17BD02088	<i>S. sonnei</i>	NRC	99.48
S17BD02164	<i>S. sonnei</i>	NRC	99.44
S17BD02526	<i>S. sonnei</i>	NRC	99.32
S17BD02897	<i>S. sonnei</i>	NRC	99.32
S17BD03513	<i>S. sonnei</i>	NRC	99.40
S17BD04438	<i>S. sonnei</i>	NRC	99.56
S17BD06426	<i>S. sonnei</i>	NRC	99.44
S17BD06464	<i>S. sonnei</i>	NRC	99.56
S17BD06759	<i>S. sonnei</i>	NRC	99.44
S17BD06760	<i>S. sonnei</i>	NRC	99.44
S17BD06799	<i>S. sonnei</i>	NRC	99.44
S17BD06801	<i>S. sonnei</i>	NRC	99.48
S17BD07774	<i>S. sonnei</i>	NRC	98.85
S17BD07961	<i>S. sonnei</i>	NRC	99.44

S18BD00011	<i>S. sonnei</i>	NRC	95.74
S18BD00105	<i>S. sonnei</i>	NRC	2.83
S18BD00654	<i>S. sonnei</i>	NRC	0.48
S18BD01122	<i>S. sonnei</i>	NRC	0.44
S18BD01231	<i>S. sonnei</i>	NRC	0.28

Supplementary Table S5: *In silico* determined serotypes for all *S. flexneri* samples.

Sample	Serotype
ERR042796	Xv
ERR042797	X
ERR042799	2a
ERR042803	2a
ERR042806	2b
ERR042810	1b
ERR042811	3a
ERR042814	2a
ERR042816	Y
ERR042819	3b
ERR042821	2a
ERR042824	2a
ERR042825	2a
ERR042827	4a
ERR042831	Y
ERR042832	Y
ERR042833	Y
ERR042835	1a
ERR042837	3a
ERR042838	Yv
ERR042839	X
ERR042840	Yv
ERR042841	1a
ERR042842	2a
ERR042843	3a
ERR042845	Xv
ERR042849	1c
ERR042851	1b
ERR042852	2b
ERR042853	1c
ERR042855	3a
ERR042858	4av
ERR042860	2a
ERR042861	Xv
ERR042863	Yv
ERR047236	1b
ERR047239	3a
ERR047294	1b
ERR047297	4av
ERR047306	2a
ERR047307	-
ERR047372	4av
ERR047396	3a
ERR047406	2a
ERR048234	1c
ERR048246	2a
ERR048259	4bv
ERR048261	1b

ERR048265	5b
ERR048285	3a
ERR048286	1b
ERR048287	5a
ERR048288	Y
ERR048290	1b
ERR048295	2b
ERR048296	3a
ERR048300	3a
ERR048302	2a
ERR048304	2a
ERR048306	2a
ERR048311	Yv
ERR048312	4av
ERR048313	2b
ERR048315	2a
ERR048316	1b
ERR048317	Y
ERR048319	1a
ERR048320	X
ERR048322	2a
ERR048329	Y
ERR048331	Y
ERR048332	X
ERR048333	4a
ERR048334	Yv
ERR048339	2b
ERR049152	3a
ERR126958	2a
ERR127015	2a
ERR127017	-
ERR127019	3a
ERR127032	1a
ERR127034	1c
ERR127035	2a
ERR127036	2b
ERR127037	3a
ERR127038	-
ERR127039	-
ERR127040	4a
ERR127041	4b
ERR127042	5b
ERR127043	-
ERR127044	-
ERR127046	X
ERR127047	Y
ERR127048	4av
ERR200344	1b
ERR200360	2a
ERR200365	2a

ERR200370	2a
ERR200378	2a
ERR200379	2a
ERR200390	2b
ERR200392	2b
ERR200393	3a
ERR200402	3a
ERR200403	3a
ERR200405	3a
ERR200413	5a
ERR200414	Yv
ERR200415	Y
ERR217012	Y
ERR217013	Yv
ERR217015	Yv
ERR217016	Y
ERR217022	Y
ERR217023	Yv
ERR217024	Y
ERR217026	Y
ERR217028	Yv
ERR217030	Yv
ERR217031	Y
ERR217032	Yv
ERR217033	1cv
ERR217047	1c
ERR217080	1c
ERR217081	4av
ERR217084	4av
ERR559526	2a
ERR832465	3b
S13BD00302	1b
S13BD00535	2a
S13BD00702	2a
S13BD00854	2a
S13BD01310	3a
S13BD01692	2a
S13BD02195	2a
S13BD02470	3a
S13BD03084	Xv
S13BD04017	3a
S13BD04231	Y
S14BD00799	2a
S14BD01131	X
S14BD01142	X
S14BD01714	3a
S14BD02502	3a
S14BD05234	1b
S14BD05285	2a
S15BD00055	2a

S15BD00457	2a
S15BD00494	2a
S15BD02368	2a
S15BD02726	1c
S15BD02867	2a
S15BD04659	2a
S15BD05228	2a
S15BD06353	3a
S15BD08204	3a
S15BD08762	2a
S15BD09335	3a
S15BD09453	1b
S16BD00148	2a
S16BD00463	1b
S16BD01789	Xv
S16BD01991	1c
S16BD02637	3a
S16BD02856	Xv
S16BD03590	3b
S16BD03881	Y
S16BD04652	1c
S16BD07706	3b
S17BD00498	2a
S17BD00886	2a
S17BD02190	2a
S17BD02300	2a
S17BD03514	2a
S17BD04033	Yv
S17BD04223	2a
S17BD04752	2a
S17BD06364	3a
S17BD07654	X
S17BD08054	2a
S17BD08194	2a
S17BD08237	2a
S18BD00005	2a
S18BD00006	2a
S18BD01109	Yv
S18BD01126	2a
S18BD01471	2a

The first column lists the sample name, the second column lists the in silico determined serotype.

Supplementary Table S6: Detected AMR genes for all samples.

Species	Sample	Detected AMR genes
<i>S. flexneri</i>	ERR042796	aadA1_5, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul1_39, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR042797	mdf(A)_1
<i>S. flexneri</i>	ERR042799	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042803	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042806	-
<i>S. flexneri</i>	ERR042810	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042811	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042814	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042816	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042819	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042821	mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042824	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042825	mdf(A)_1
<i>S. flexneri</i>	ERR042827	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042831	mdf(A)_1
<i>S. flexneri</i>	ERR042832	catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042833	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042835	aph(3'')-lb_5, aph(3'')-lb_5, aph(6)-ld_1, aph(6)-ld_1, dfrA14_4, dfrA14_4, mdf(A)_1, sul2_2, sul2_2
<i>S. flexneri</i>	ERR042837	mdf(A)_1
<i>S. flexneri</i>	ERR042838	mdf(A)_1
<i>S. flexneri</i>	ERR042839	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR042840	mdf(A)_1, tet(A)_4
<i>S. flexneri</i>	ERR042841	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042842	aph(3'')-lb_5, aph(6)-ld_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042843	aph(3'')-lb_5, aph(6)-ld_4, blaTEM-1B_1, dfrA8_1, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR042845	mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR042849	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042851	aph(3'')-lb_5, aph(6)-ld_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042852	mdf(A)_1
<i>S. flexneri</i>	ERR042853	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR042855	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042858	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR042860	aadA1_4, blaOXA-1_1, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	ERR042861	mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR042863	aph(3'')-lb_5, aph(6)-ld_1, dfrA14_4, mdf(A)_1, sul2_2, tet(A)_4

<i>S. flexneri</i>	ERR047236	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA14_1, mdf(A)_1, qnrS1_1, sul2_2
<i>S. flexneri</i>	ERR047239	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR047294	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR047297	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul1_2, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR047306	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR047307	aadA2_2, aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, dfrA12_8, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR047372	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR047396	aadA1_3, aadA1_5, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR047406	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048234	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048246	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR048259	mdf(A)_1
<i>S. flexneri</i>	ERR048261	mdf(A)_1
<i>S. flexneri</i>	ERR048265	mdf(A)_1
<i>S. flexneri</i>	ERR048285	mdf(A)_1
<i>S. flexneri</i>	ERR048286	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA14_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048287	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR048288	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048290	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048295	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048296	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048300	aadA1_3, aadA1_5, blaTEM-1B_1, mdf(A)_1, sul1_2, sul1_2
<i>S. flexneri</i>	ERR048302	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	ERR048304	blaTEM-1B_1, mdf(A)_1
<i>S. flexneri</i>	ERR048306	blaTEM-1B_1, mdf(A)_1
<i>S. flexneri</i>	ERR048311	aadA1_3, aadA1_5, catA1_1, mdf(A)_1
<i>S. flexneri</i>	ERR048312	aadA5_1, aph(3'')-Ib_3, aph(3'')-Ib_4, aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA17_1, mdf(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	ERR048313	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR048315	aac(3)-IIa_1, aadA5_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	ERR048316	mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR048317	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, catA1_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR048319	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2

<i>S. flexneri</i>	ERR048320	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048322	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048329	aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR048331	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR048332	mdf(A)_1
<i>S. flexneri</i>	ERR048333	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	ERR048334	aadA1_3, aadA1_5, aph(6)-ld_4, blaTEM-1B_1, catA1_1, mdf(A)_1
<i>S. flexneri</i>	ERR048339	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR049152	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR126958	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR127015	mdf(A)_1
<i>S. flexneri</i>	ERR127017	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR127019	aph(3'')-lb_5, aph(6)-ld_1, dfrA14_4, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR127032	mdf(A)_1
<i>S. flexneri</i>	ERR127034	blaTEM-1B_1, dfrA14_1
<i>S. flexneri</i>	ERR127035	mdf(A)_1
<i>S. flexneri</i>	ERR127036	aph(3'')-lb_5, aph(6)-ld_4, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR127037	mdf(A)_1
<i>S. flexneri</i>	ERR127038	-
<i>S. flexneri</i>	ERR127039	mdf(A)_1
<i>S. flexneri</i>	ERR127040	aadA1_3, aadA1_5, sul1_2
<i>S. flexneri</i>	ERR127041	mdf(A)_1
<i>S. flexneri</i>	ERR127042	mdf(A)_1
<i>S. flexneri</i>	ERR127043	mdf(A)_1
<i>S. flexneri</i>	ERR127044	-
<i>S. flexneri</i>	ERR127046	mdf(A)_1
<i>S. flexneri</i>	ERR127047	mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR127048	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR200344	aadA1_4, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR200360	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR200365	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2
<i>S. flexneri</i>	ERR200370	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR200378	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR200379	aadA1_4, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR200390	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR200392	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR200393	blaTEM-1B_1, mdf(A)_1, qnrS1_1, tet(A)_4
<i>S. flexneri</i>	ERR200402	mdf(A)_1

<i>S. flexneri</i>	ERR200403	aadA1_3, aadA1_5, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR200405	aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, erm(B)_1, mdf(A)_1, mph(A)_1, mph(E)_1, msr(E)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR200413	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, qnrS1_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR200414	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR200415	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA5_1, dfrA5_1, mdf(A)_1, sul1_2, sul1_2, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217012	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217013	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR217015	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217016	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217022	mdf(A)_1
<i>S. flexneri</i>	ERR217023	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, qnrS1_1, sul2_2
<i>S. flexneri</i>	ERR217024	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, qnrS1_1, sul2_2
<i>S. flexneri</i>	ERR217026	aadA1_3, aadA1_5, aph(3'')-Ib_5, aph(6)-Id_4, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA8_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR217028	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR217030	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217031	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR217032	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, mdf(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	ERR217033	aadA1_3, aadA1_5, blaOXA-1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	ERR217047	mdf(A)_1
<i>S. flexneri</i>	ERR217080	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul2_2
<i>S. flexneri</i>	ERR217081	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR217084	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	ERR559526	-
<i>S. flexneri</i>	ERR832465	mdf(A)_1
<i>S. flexneri</i>	S13BD00302	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA14_1, dfrA1_8, mdf(A)_1, qnrS1_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	S13BD00535	aadA2_2, blaOXA-1_1, catA1_1, dfrA12_8, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	S13BD00702	aph(3'')-Ib_5, aph(6)-Id_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S13BD00854	aadA2_2, blaOXA-1_1, catA1_1, dfrA12_8, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, tet(A)_4, tet(B)_2
<i>S. flexneri</i>	S13BD01310	aadA1_3, aadA1_5, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, sul2_20, tet(B)_2

<i>S. flexneri</i>	S13BD01692	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S13BD02195	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S13BD02470	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, catA1_1, dfrA1_10, dfrA1_8, dfrA1_9, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S13BD03084	aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, catA1_1, dfrA7_1, mdf(A)_1, sul1_39, sul2_3, tet(A)_4
<i>S. flexneri</i>	S13BD04017	aadA1_3, aadA1_5, aadA5_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA17_1, erm(B)_1, mdf(A)_1, mph(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	S13BD04231	aadA1_4, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S14BD00799	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S14BD01131	aadA1_3, aadA1_5, blaOXA-1_1, blaTEM-1B_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S14BD01142	aadA1_3, aadA1_5, blaOXA-1_1, blaTEM-1B_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S14BD01714	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S14BD02502	aadA1_3, aadA1_5, aadA5_1, blaCTX-M-137_1, blaCTX-M-27_1, blaOXA-1_1, catA1_1, dfrA17_1, mdf(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	S14BD05234	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	S14BD05285	aadA1_4, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD00055	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD00457	aadA1_4, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD00494	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD02368	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S15BD02726	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, mdf(A)_1, mph(A)_1, qnrS1_1, sul1_2, sul2_2, tet(B)_2
<i>S. flexneri</i>	S15BD02867	aadA1_4, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD04659	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	S15BD05228	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD06353	aadA1_3, aadA1_5, blaOXA-1_1, blaTEM-1B_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD08204	aadA1_3, aadA1_5, blaOXA-1_1, blaTEM-1B_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD08762	aadA1_4, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S15BD09335	mdf(A)_1
<i>S. flexneri</i>	S15BD09453	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S16BD00148	aadA2_2, blaOXA-1_1, catA1_1, dfrA12_8, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, tet(A)_4, tet(B)_2
<i>S. flexneri</i>	S16BD00463	aadA1_4, aph(6)-ld_1, aph(6)-ld_2, aph(6)-ld_5, dfrA1_8, mdf(A)_1, qnrS1_1, sul2_19, sul2_2, tet(A)_4
<i>S. flexneri</i>	S16BD01789	mdf(A)_1, sul2_18, tet(A)_4
<i>S. flexneri</i>	S16BD01991	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, mdf(A)_1, sul1_2, sul2_3, tet(B)_2
<i>S. flexneri</i>	S16BD02637	aadA1_3, aadA1_5, blaOXA-1_1, blaTEM-1B_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S16BD02856	aph(3'')-lb_5, aph(6)-ld_4, blaTEM-1B_1, dfrA14_1, mdf(A)_1, mph(A)_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	S16BD03590	mdf(A)_1

<i>S. flexneri</i>	S16BD03881	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_1, sul2_12, sul2_15, sul2_2, sul2_20, sul2_6, tet(B)_2
<i>S. flexneri</i>	S16BD04652	mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S16BD07706	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, erm(B)_1, mdf(A)_1, mph(A)_1, tet(B)_2
<i>S. flexneri</i>	S17BD00498	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S17BD00886	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S17BD02190	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD02300	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD03514	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD04033	aadA1_3, aadA1_5, aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA14_4, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD04223	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD04752	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD06364	mdf(A)_1
<i>S. flexneri</i>	S17BD07654	mdf(A)_1
<i>S. flexneri</i>	S17BD08054	aadA1_3, aadA1_5, aadA5_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA17_1, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. flexneri</i>	S17BD08194	aph(3'')-lb_5, aph(6)-ld_1, blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. flexneri</i>	S17BD08237	aadA1_3, aadA1_5, dfrA1_8, mdf(A)_1
<i>S. flexneri</i>	S18BD00005	aadA1_3, aadA1_5, aadA5_1, blaCTX-M-15_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, qnrS1_1, sul1_2
<i>S. flexneri</i>	S18BD00006	blaOXA-1_1, catA1_1, dfrA1_8, mdf(A)_1, tet(B)_2
<i>S. flexneri</i>	S18BD01109	aph(3'')-lb_5, aph(6)-ld_4, blaLAP-2_1, blaTEM-1B_1, catA2_1, dfrA14_1, mdf(A)_1, qnrS1_1, sul2_2, tet(A)_4
<i>S. flexneri</i>	S18BD01126	aadA1_3, aadA1_5, aadA5_1, blaOXA-1_1, blaTEM-1B_1, catA1_1, dfrA17_1, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2
<i>S. flexneri</i>	S18BD01471	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR024604	mdf(A)_1
<i>S. sonnei</i>	ERR024605	mdf(A)_1
<i>S. sonnei</i>	ERR024606	aph(3'')-lb_5, blaTEM-1C_1, dfrA14_4, mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR024607	mdf(A)_1
<i>S. sonnei</i>	ERR024608	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024609	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024610	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR024611	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR024612	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR024616	aac(3)-Ild_1, aadA2_2, aph(3'')-lb_5, aph(3')-la_1, aph(6)-ld_1, dfrA12_8, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024617	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024618	aac(3)-IV_1, aph(3'')-lb_5, aph(3')-la_1, aph(4)-la_1, aph(6)-ld_1, dfrA12_8, dfrA1_8, mdf(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024619	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, sul1_2, tet(B)_1

<i>S. sonnei</i>	ERR024620	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, dfrA5_1, mdf(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024621	aac(3)-IId_1, aac(6')-Ib3_1, aadA1_4, blaOXA-10_1, catB8_1, dfrA1_8, mdf(A)_1, sul1_2, sul2_2
<i>S. sonnei</i>	ERR024622	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024625	aadA1_4, aph(3')-Ia_1, blaTEM-1B_1, dfrA12_8, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2
<i>S. sonnei</i>	ERR024626	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR024627	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025682	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, sul1_2, tet(B)_1
<i>S. sonnei</i>	ERR025683	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025685	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025686	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, sul1_2, tet(B)_1
<i>S. sonnei</i>	ERR025687	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, sul1_2, tet(B)_1
<i>S. sonnei</i>	ERR025689	aadA1_3, aadA1_5, mdf(A)_1, sul1_2, sul1_2
<i>S. sonnei</i>	ERR025690	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, tet(B)_1
<i>S. sonnei</i>	ERR025691	mdf(A)_1
<i>S. sonnei</i>	ERR025692	mdf(A)_1
<i>S. sonnei</i>	ERR025693	aadA1_3, aadA1_5, catA1_1, mdf(A)_1, sul1_2, sul1_2, tet(B)_1
<i>S. sonnei</i>	ERR025695	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025697	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025698	aadA1_4, aph(3'')-Ib_5, aph(3'')-Ib_5, aph(6)-Id_1, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, sul2_2, tet(A)_6, tet(A)_6
<i>S. sonnei</i>	ERR025699	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025700	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, dfrA14_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul2_2, tet(A)_4
<i>S. sonnei</i>	ERR025701	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025702	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025703	aadA1_4, aph(3'')-Ib_5, aph(3'')-Ib_5, aph(6)-Id_1, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, sul2_2, tet(A)_6, tet(A)_6
<i>S. sonnei</i>	ERR025704	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025705	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025706	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025708	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025709	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025710	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025711	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025712	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025713	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025714	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR025715	mdf(A)_1, tet(A)_4
<i>S. sonnei</i>	ERR025716	aph(3')-IIa_2, aph(6)-Ic_1, mdf(A)_1
<i>S. sonnei</i>	ERR025717	aph(3'')-Ib_5, aph(3'')-Ib_5, aph(6)-Id_1, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, sul2_2, tet(A)_6, tet(A)_6
<i>S. sonnei</i>	ERR025718	aadA1_4, aph(3'')-Ib_5, aph(3'')-Ib_5, aph(6)-Id_1, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, sul2_2, tet(A)_6, tet(A)_6
<i>S. sonnei</i>	ERR025719	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025721	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_18, tet(A)_6

<i>S. sonnei</i>	ERR025724	mdf(A)_1
<i>S. sonnei</i>	ERR025725	aph(3')-IIa_2, aph(6)-Ic_1, mdf(A)_1
<i>S. sonnei</i>	ERR025726	mdf(A)_1
<i>S. sonnei</i>	ERR025727	mdf(A)_1
<i>S. sonnei</i>	ERR025729	mdf(A)_1
<i>S. sonnei</i>	ERR025730	mdf(A)_1
<i>S. sonnei</i>	ERR025731	mdf(A)_1
<i>S. sonnei</i>	ERR025732	mdf(A)_1
<i>S. sonnei</i>	ERR025734	mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR025735	mdf(A)_1
<i>S. sonnei</i>	ERR025737	mdf(A)_1
<i>S. sonnei</i>	ERR025738	mdf(A)_1
<i>S. sonnei</i>	ERR025741	mdf(A)_1
<i>S. sonnei</i>	ERR025742	-
<i>S. sonnei</i>	ERR025743	mdf(A)_1
<i>S. sonnei</i>	ERR025744	mdf(A)_1
<i>S. sonnei</i>	ERR025746	mdf(A)_1
<i>S. sonnei</i>	ERR025747	-
<i>S. sonnei</i>	ERR025749	-
<i>S. sonnei</i>	ERR025750	mdf(A)_1
<i>S. sonnei</i>	ERR025751	mdf(A)_1
<i>S. sonnei</i>	ERR025752	mdf(A)_1
<i>S. sonnei</i>	ERR025753	aph(3'')-Ib_5, aph(6)-Id_4, mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR025754	mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR025755	mdf(A)_1
<i>S. sonnei</i>	ERR025756	mdf(A)_1
<i>S. sonnei</i>	ERR025758	mdf(A)_1
<i>S. sonnei</i>	ERR025759	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR025761	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. sonnei</i>	ERR025762	mdf(A)_1
<i>S. sonnei</i>	ERR025763	blaTEM-1A_1, mdf(A)_1
<i>S. sonnei</i>	ERR025765	dfrA5_1, mdf(A)_1, sul1_2
<i>S. sonnei</i>	ERR025767	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_4, dfrA1_8, mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR025768	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028671	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR028672	aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, dfrA8_1, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028673	aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1C_1, mdf(A)_1, sul2_2
<i>S. sonnei</i>	ERR028674	blaTEM-1C_1, mdf(A)_1
<i>S. sonnei</i>	ERR028675	aph(6)-Id_4, blaTEM-1C_1, mdf(A)_1
<i>S. sonnei</i>	ERR028676	aadA1_4, aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028677	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR028678	aac(3)-IId_1, aadA24_1, aph(3'')-Ib_5, aph(6)-Id_1, blaCTX-M-15_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028679	blaTEM-1B_1, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR028680	aph(3'')-Ib_5, aph(6)-Id_4, blaTEM-1B_1, dfrA8_1, mdf(A)_1, sul2_2

<i>S. sonnei</i>	ERR028681	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028684	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028685	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028686	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028687	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028688	mdf(A)_1
<i>S. sonnei</i>	ERR028689	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028690	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_4
<i>S. sonnei</i>	ERR028691	blaTEM-1A_1, mdf(A)_1
<i>S. sonnei</i>	ERR028692	mdf(A)_1
<i>S. sonnei</i>	ERR028693	aadA1_3, aadA1_5, blaOXA-1_1, catA1_1, mdf(A)_1, tet(B)_2
<i>S. sonnei</i>	ERR028694	aadA1_4, aph(3'')-lb_5, blaTEM-1C_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028695	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028697	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028699	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR028700	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_4, tet(B)_2
<i>S. sonnei</i>	ERR028702	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028703	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028704	aadA1_4, dfrA1_8, mdf(A)_1, sul2_2, tet(B)_2
<i>S. sonnei</i>	ERR028705	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR028706	mdf(A)_1
<i>S. sonnei</i>	ERR316291	mdf(A)_1
<i>S. sonnei</i>	ERR316299	mdf(A)_1
<i>S. sonnei</i>	ERR316306	mdf(A)_1
<i>S. sonnei</i>	ERR586833	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR586837	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR586838	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591154	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591156	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591166	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591176	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591179	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591185	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591188	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR591211	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591218	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR591405	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592006	aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592007	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592013	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592030	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592189	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592269	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR592270	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6

<i>S. sonnei</i>	ERR592449	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708271	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708272	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708273	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708274	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708275	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR708276	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708277	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR708278	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708279	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708280	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708281	aph(3'')-lb_5, aph(6)-ld_4, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708282	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	ERR708283	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708284	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708285	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708286	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708287	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708288	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708289	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	ERR708290	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD00834	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD00906	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD02106	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD02107	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD02670	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD02671	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD03196	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD03288	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S13BD03539	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S13BD04360	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD00913	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD03054	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD03397	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD03573	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD04882	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S14BD04971	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S14BD05043	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD00569	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD00797	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD00889	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD00932	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD01283	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD02324	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD02325	dfrA1_8, mdf(A)_1

<i>S. sonnei</i>	S15BD02326	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD02407	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, dfrA1_8, mdf(A)_1, qnrS1_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD02515	aadA1_4, blaTEM-1B_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1
<i>S. sonnei</i>	S15BD02737	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD02979	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD02995	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD03192	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD03801	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD03806	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD03807	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD03808	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD03850	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04030	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04031	aac(3)-IIa_1, aph(3'')-lb_5, aph(6)-ld_1, blaDHA-1_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, qnrB4_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04165	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04166	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04402	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD04792	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, blaDHA-1_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, qnrB4_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD04848	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD05940	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD06471	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, qnrB19_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD07017	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD07161	aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2
<i>S. sonnei</i>	S15BD07522	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD09124	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S15BD09162	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-55_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD09356	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD09628	aadA1_4, aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, tet(B)_2
<i>S. sonnei</i>	S15BD09656	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD10104	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD10108	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD10196	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S15BD10296	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD00285	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, dfrA1_8, mdf(A)_1, qnrS1_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD00582	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD00590	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD01339	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD01740	aadA5_1, aph(3'')-lb_5, aph(6)-ld_4, blaTEM-1B_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD01790	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6

<i>S. sonnei</i>	S16BD02574	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD03340	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S16BD04069	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD01977	aadA1_4, dfrA1_8
<i>S. sonnei</i>	S17BD02088	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S17BD02164	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S17BD02526	aadA1_4, dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S17BD02897	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S17BD03513	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S17BD04438	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD06426	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD06464	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD06759	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_4
<i>S. sonnei</i>	S17BD06760	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD06799	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD06801	aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2
<i>S. sonnei</i>	S17BD07774	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S17BD07961	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S18BD00011	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, dfrA17_1, dfrA1_8, mdf(A)_1, mph(A)_1, qnrS1_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S18BD00105	aadA5_1, aph(3'')-lb_5, aph(6)-ld_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(A)_6
<i>S. sonnei</i>	S18BD00654	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	S18BD01122	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	S18BD01231	aadA1_4, aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_3, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(B)_2
<i>S. sonnei</i>	S18BD01685	aadA1_4, aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_3, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2, sul2_2, tet(B)_2
<i>S. sonnei</i>	S18BD01986	aadA5_1, blaTEM-1B_1, dfrA17_1, dfrA1_8, erm(B)_1, mdf(A)_1, mph(A)_1, sul1_2
<i>S. sonnei</i>	S18BD02200	aadA1_4, aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_3, tet(A)_4
<i>S. sonnei</i>	SRR1605255	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR2081185	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR2081189	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR2087717	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR2097498	aph(3'')-lb_5, aph(6)-ld_1, blaCTX-M-15_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473843	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473844	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR3473847	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR3473848	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473849	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473850	aph(3'')-lb_5, aph(6)-ld_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6

<i>S. sonnei</i>	SRR3473853	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR3473854	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, mph(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473855	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_4
<i>S. sonnei</i>	SRR3473856	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473857	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473858	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473859	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3473860	dfrA1_8
<i>S. sonnei</i>	SRR3473861	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR3473862	dfrA1_8, mdf(A)_1
<i>S. sonnei</i>	SRR3474162	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474164	aph(3'')-Ib_5, aph(6)-Id_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474165	aph(3'')-Ib_5, aph(6)-Id_1, blaCTX-M-15_1, blaTEM-1B_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474166	aph(3'')-Ib_5, aph(6)-Id_1, blaCTX-M-137_1, blaCTX-M-14_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474167	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474168	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2, tet(A)_6
<i>S. sonnei</i>	SRR3474169	aph(3'')-Ib_5, aph(6)-Id_1, dfrA1_8, mdf(A)_1, sul2_2

The first and second columns list the species and sample names, respectively. The third column lists all AMR genes from the ResFinder database that were detected in the corresponding sample.

Supplementary Table S7: Detected AMR point mutations for all samples.

Species	Sample	Detected AMR point mutations
<i>S. flexneri</i>	ERR042796	-
<i>S. flexneri</i>	ERR042797	-
<i>S. flexneri</i>	ERR042799	-
<i>S. flexneri</i>	ERR042803	-
<i>S. flexneri</i>	ERR042806	-
<i>S. flexneri</i>	ERR042810	-
<i>S. flexneri</i>	ERR042811	-
<i>S. flexneri</i>	ERR042814	-
<i>S. flexneri</i>	ERR042816	-
<i>S. flexneri</i>	ERR042819	-
<i>S. flexneri</i>	ERR042821	-
<i>S. flexneri</i>	ERR042824	-
<i>S. flexneri</i>	ERR042825	-
<i>S. flexneri</i>	ERR042827	-
<i>S. flexneri</i>	ERR042831	-
<i>S. flexneri</i>	ERR042832	-
<i>S. flexneri</i>	ERR042833	-
<i>S. flexneri</i>	ERR042835	-
<i>S. flexneri</i>	ERR042837	-
<i>S. flexneri</i>	ERR042838	-
<i>S. flexneri</i>	ERR042839	-
<i>S. flexneri</i>	ERR042840	-
<i>S. flexneri</i>	ERR042841	-
<i>S. flexneri</i>	ERR042842	-
<i>S. flexneri</i>	ERR042843	-
<i>S. flexneri</i>	ERR042845	-
<i>S. flexneri</i>	ERR042849	-
<i>S. flexneri</i>	ERR042851	-
<i>S. flexneri</i>	ERR042852	-
<i>S. flexneri</i>	ERR042853	-
<i>S. flexneri</i>	ERR042855	-
<i>S. flexneri</i>	ERR042858	-
<i>S. flexneri</i>	ERR042860	-
<i>S. flexneri</i>	ERR042861	-
<i>S. flexneri</i>	ERR042863	-
<i>S. flexneri</i>	ERR047236	-
<i>S. flexneri</i>	ERR047239	gyrA p.S83L
<i>S. flexneri</i>	ERR047294	-
<i>S. flexneri</i>	ERR047297	-
<i>S. flexneri</i>	ERR047306	-
<i>S. flexneri</i>	ERR047307	-
<i>S. flexneri</i>	ERR047372	-
<i>S. flexneri</i>	ERR047396	-
<i>S. flexneri</i>	ERR047406	gyrA p.S83L
<i>S. flexneri</i>	ERR048234	-
<i>S. flexneri</i>	ERR048246	-
<i>S. flexneri</i>	ERR048259	-
<i>S. flexneri</i>	ERR048261	-

<i>S. flexneri</i>	ERR048265	-
<i>S. flexneri</i>	ERR048285	-
<i>S. flexneri</i>	ERR048286	-
<i>S. flexneri</i>	ERR048287	-
<i>S. flexneri</i>	ERR048288	-
<i>S. flexneri</i>	ERR048290	-
<i>S. flexneri</i>	ERR048295	-
<i>S. flexneri</i>	ERR048296	-
<i>S. flexneri</i>	ERR048300	-
<i>S. flexneri</i>	ERR048302	-
<i>S. flexneri</i>	ERR048304	gyrA p.S83L
<i>S. flexneri</i>	ERR048306	gyrA p.S83L
<i>S. flexneri</i>	ERR048311	-
<i>S. flexneri</i>	ERR048312	-
<i>S. flexneri</i>	ERR048313	-
<i>S. flexneri</i>	ERR048315	-
<i>S. flexneri</i>	ERR048316	-
<i>S. flexneri</i>	ERR048317	-
<i>S. flexneri</i>	ERR048319	gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR048320	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR048322	-
<i>S. flexneri</i>	ERR048329	-
<i>S. flexneri</i>	ERR048331	-
<i>S. flexneri</i>	ERR048332	-
<i>S. flexneri</i>	ERR048333	-
<i>S. flexneri</i>	ERR048334	-
<i>S. flexneri</i>	ERR048339	gyrA p.S83L
<i>S. flexneri</i>	ERR049152	gyrA p.S83L
<i>S. flexneri</i>	ERR126958	-
<i>S. flexneri</i>	ERR127015	-
<i>S. flexneri</i>	ERR127017	-
<i>S. flexneri</i>	ERR127019	-
<i>S. flexneri</i>	ERR127032	-
<i>S. flexneri</i>	ERR127034	gyrA p.S83L
<i>S. flexneri</i>	ERR127035	-
<i>S. flexneri</i>	ERR127036	-
<i>S. flexneri</i>	ERR127037	-
<i>S. flexneri</i>	ERR127038	-
<i>S. flexneri</i>	ERR127039	-
<i>S. flexneri</i>	ERR127040	-
<i>S. flexneri</i>	ERR127041	-
<i>S. flexneri</i>	ERR127042	-
<i>S. flexneri</i>	ERR127043	-
<i>S. flexneri</i>	ERR127044	-
<i>S. flexneri</i>	ERR127046	-
<i>S. flexneri</i>	ERR127047	-
<i>S. flexneri</i>	ERR127048	-
<i>S. flexneri</i>	ERR200344	gyrA p.D87N
<i>S. flexneri</i>	ERR200360	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR200365	gyrA p.D87N, gyrA p.S83L, parC p.S80I

<i>S. flexneri</i>	ERR200370	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR200378	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR200379	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	ERR200390	gyrA p.D87Y
<i>S. flexneri</i>	ERR200392	gyrA p.S83L
<i>S. flexneri</i>	ERR200393	gyrA p.D87G
<i>S. flexneri</i>	ERR200402	gyrA p.D87G
<i>S. flexneri</i>	ERR200403	gyrA p.S83L
<i>S. flexneri</i>	ERR200405	gyrA p.D87G
<i>S. flexneri</i>	ERR200413	-
<i>S. flexneri</i>	ERR200414	gyrA p.S83L
<i>S. flexneri</i>	ERR200415	-
<i>S. flexneri</i>	ERR217012	-
<i>S. flexneri</i>	ERR217013	-
<i>S. flexneri</i>	ERR217015	-
<i>S. flexneri</i>	ERR217016	-
<i>S. flexneri</i>	ERR217022	-
<i>S. flexneri</i>	ERR217023	-
<i>S. flexneri</i>	ERR217024	-
<i>S. flexneri</i>	ERR217026	gyrA p.S83L
<i>S. flexneri</i>	ERR217028	-
<i>S. flexneri</i>	ERR217030	-
<i>S. flexneri</i>	ERR217031	-
<i>S. flexneri</i>	ERR217032	gyrA p.S83L
<i>S. flexneri</i>	ERR217033	-
<i>S. flexneri</i>	ERR217047	-
<i>S. flexneri</i>	ERR217080	-
<i>S. flexneri</i>	ERR217081	-
<i>S. flexneri</i>	ERR217084	-
<i>S. flexneri</i>	ERR559526	-
<i>S. flexneri</i>	S13BD02470	gyrA p.S83L
<i>S. flexneri</i>	S15BD06353	-
<i>S. flexneri</i>	S15BD08204	-
<i>S. flexneri</i>	S15BD08762	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S15BD09335	-
<i>S. flexneri</i>	S15BD09453	-
<i>S. flexneri</i>	S16BD00148	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S16BD00463	gyrA p.D87N
<i>S. flexneri</i>	S16BD01789	-
<i>S. flexneri</i>	S16BD01991	-
<i>S. flexneri</i>	S16BD02637	-
<i>S. flexneri</i>	S16BD02856	-
<i>S. flexneri</i>	S16BD03590	gyrA p.S83L
<i>S. flexneri</i>	S16BD03881	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S16BD04652	-
<i>S. flexneri</i>	S16BD07706	-
<i>S. flexneri</i>	S17BD00886	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S17BD04223	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S17BD04752	gyrA p.D87N, gyrA p.S83L, parC p.S80I, parE p.S458A
<i>S. flexneri</i>	S17BD06364	-

<i>S. flexneri</i>	S17BD07654	-
<i>S. flexneri</i>	S17BD08054	-
<i>S. flexneri</i>	S17BD08237	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S18BD00005	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. flexneri</i>	S18BD00006	gyrA p.D87N, gyrA p.S83L, parC p.S80I, parE p.S458A
<i>S. flexneri</i>	S18BD01126	-
<i>S. flexneri</i>	S18BD01471	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR024604	-
<i>S. sonnei</i>	ERR024605	-
<i>S. sonnei</i>	ERR024606	-
<i>S. sonnei</i>	ERR024607	-
<i>S. sonnei</i>	ERR024608	-
<i>S. sonnei</i>	ERR024609	-
<i>S. sonnei</i>	ERR024610	gyrA p.S83L
<i>S. sonnei</i>	ERR024611	-
<i>S. sonnei</i>	ERR024612	-
<i>S. sonnei</i>	ERR024616	gyrA p.S83L
<i>S. sonnei</i>	ERR024617	gyrA p.S83L
<i>S. sonnei</i>	ERR024618	gyrA p.S83L
<i>S. sonnei</i>	ERR024619	-
<i>S. sonnei</i>	ERR024620	-
<i>S. sonnei</i>	ERR024621	gyrA p.S83L
<i>S. sonnei</i>	ERR024622	gyrA p.S83L
<i>S. sonnei</i>	ERR024625	-
<i>S. sonnei</i>	ERR024626	-
<i>S. sonnei</i>	ERR024627	gyrA p.S83L
<i>S. sonnei</i>	ERR025682	gyrA p.D87G
<i>S. sonnei</i>	ERR025683	-
<i>S. sonnei</i>	ERR025685	-
<i>S. sonnei</i>	ERR025686	-
<i>S. sonnei</i>	ERR025687	rpoB p.S531F
<i>S. sonnei</i>	ERR025689	-
<i>S. sonnei</i>	ERR025690	gyrA p.S83L
<i>S. sonnei</i>	ERR025691	gyrA p.S83L
<i>S. sonnei</i>	ERR025692	gyrA p.D87G
<i>S. sonnei</i>	ERR025693	-
<i>S. sonnei</i>	ERR025695	-
<i>S. sonnei</i>	ERR025697	gyrA p.D87Y
<i>S. sonnei</i>	ERR025698	-
<i>S. sonnei</i>	ERR025699	gyrA p.S83L
<i>S. sonnei</i>	ERR025701	-
<i>S. sonnei</i>	ERR025702	gyrA p.D87G
<i>S. sonnei</i>	ERR025703	gyrA p.S83L
<i>S. sonnei</i>	ERR025704	-
<i>S. sonnei</i>	ERR025705	-
<i>S. sonnei</i>	ERR025706	-
<i>S. sonnei</i>	ERR025711	gyrA p.D87Y
<i>S. sonnei</i>	ERR025712	-
<i>S. sonnei</i>	ERR025713	gyrA p.D87G
<i>S. sonnei</i>	ERR025714	gyrA p.D87G

<i>S. sonnei</i>	ERR025715	-
<i>S. sonnei</i>	ERR025716	-
<i>S. sonnei</i>	ERR025717	-
<i>S. sonnei</i>	ERR025718	-
<i>S. sonnei</i>	ERR025719	-
<i>S. sonnei</i>	ERR025721	-
<i>S. sonnei</i>	ERR025724	-
<i>S. sonnei</i>	ERR025725	-
<i>S. sonnei</i>	ERR025726	-
<i>S. sonnei</i>	ERR025727	-
<i>S. sonnei</i>	ERR025729	-
<i>S. sonnei</i>	ERR025730	-
<i>S. sonnei</i>	ERR025731	-
<i>S. sonnei</i>	ERR025732	-
<i>S. sonnei</i>	ERR025734	-
<i>S. sonnei</i>	ERR025735	-
<i>S. sonnei</i>	ERR025737	-
<i>S. sonnei</i>	ERR025738	-
<i>S. sonnei</i>	ERR025741	-
<i>S. sonnei</i>	ERR025742	-
<i>S. sonnei</i>	ERR025743	-
<i>S. sonnei</i>	ERR025744	-
<i>S. sonnei</i>	ERR025746	-
<i>S. sonnei</i>	ERR025747	-
<i>S. sonnei</i>	ERR025749	-
<i>S. sonnei</i>	ERR025750	-
<i>S. sonnei</i>	ERR025751	-
<i>S. sonnei</i>	ERR025752	-
<i>S. sonnei</i>	ERR025753	-
<i>S. sonnei</i>	ERR025754	-
<i>S. sonnei</i>	ERR025755	-
<i>S. sonnei</i>	ERR025756	-
<i>S. sonnei</i>	ERR025758	-
<i>S. sonnei</i>	ERR025759	-
<i>S. sonnei</i>	ERR025761	-
<i>S. sonnei</i>	ERR025762	-
<i>S. sonnei</i>	ERR025763	-
<i>S. sonnei</i>	ERR025765	-
<i>S. sonnei</i>	ERR025767	-
<i>S. sonnei</i>	ERR025768	-
<i>S. sonnei</i>	ERR028671	-
<i>S. sonnei</i>	ERR028672	-
<i>S. sonnei</i>	ERR028673	-
<i>S. sonnei</i>	ERR028674	-
<i>S. sonnei</i>	ERR028675	-
<i>S. sonnei</i>	ERR028676	-
<i>S. sonnei</i>	ERR028677	gyrA p.S83L
<i>S. sonnei</i>	ERR028678	-
<i>S. sonnei</i>	ERR028679	gyrA p.S83L
<i>S. sonnei</i>	ERR028680	-

<i>S. sonnei</i>	ERR028681	-
<i>S. sonnei</i>	ERR028684	-
<i>S. sonnei</i>	ERR028685	-
<i>S. sonnei</i>	ERR028686	-
<i>S. sonnei</i>	ERR028687	-
<i>S. sonnei</i>	ERR028688	-
<i>S. sonnei</i>	ERR028689	-
<i>S. sonnei</i>	ERR028690	-
<i>S. sonnei</i>	ERR028691	-
<i>S. sonnei</i>	ERR028692	-
<i>S. sonnei</i>	ERR028693	-
<i>S. sonnei</i>	ERR028694	-
<i>S. sonnei</i>	ERR028695	-
<i>S. sonnei</i>	ERR028697	-
<i>S. sonnei</i>	ERR028699	-
<i>S. sonnei</i>	ERR028700	-
<i>S. sonnei</i>	ERR028702	-
<i>S. sonnei</i>	ERR028703	-
<i>S. sonnei</i>	ERR028704	-
<i>S. sonnei</i>	ERR028705	gyrA p.S83L
<i>S. sonnei</i>	ERR028706	-
<i>S. sonnei</i>	ERR316291	-
<i>S. sonnei</i>	ERR316306	-
<i>S. sonnei</i>	ERR586833	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR586837	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR586838	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591156	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591166	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591176	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591179	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591185	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591188	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591211	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591218	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR591405	-
<i>S. sonnei</i>	ERR592007	-
<i>S. sonnei</i>	ERR592030	-
<i>S. sonnei</i>	ERR592189	gyrA p.D87Y
<i>S. sonnei</i>	ERR592269	gyrA p.S83L
<i>S. sonnei</i>	ERR592270	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708271	-
<i>S. sonnei</i>	ERR708272	gyrA p.D87Y
<i>S. sonnei</i>	ERR708273	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708274	gyrA p.S83L
<i>S. sonnei</i>	ERR708275	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708277	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708278	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708279	gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708280	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708281	gyrA p.D87G, gyrA p.S83L, parC p.S80I

<i>S. sonnei</i>	ERR708282	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708283	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708284	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708285	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708286	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708287	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708288	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708289	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	ERR708290	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD00834	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD00906	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD02106	gyrA p.S83L
<i>S. sonnei</i>	S13BD02107	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD02670	gyrA p.S83L
<i>S. sonnei</i>	S13BD02671	gyrA p.S83L
<i>S. sonnei</i>	S13BD03196	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD03288	gyrA p.S83L
<i>S. sonnei</i>	S13BD03539	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S13BD04360	gyrA p.S83L
<i>S. sonnei</i>	S14BD00913	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S14BD03054	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S14BD03397	gyrA p.S83L
<i>S. sonnei</i>	S14BD03573	gyrA p.D87Y
<i>S. sonnei</i>	S14BD04882	gyrA p.S83L
<i>S. sonnei</i>	S14BD04971	gyrA p.S83L
<i>S. sonnei</i>	S14BD05043	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD00569	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD00797	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD00889	gyrA p.S83L
<i>S. sonnei</i>	S15BD00932	gyrA p.S83L
<i>S. sonnei</i>	S15BD01283	gyrA p.S83L
<i>S. sonnei</i>	S15BD02324	gyrA p.S83L
<i>S. sonnei</i>	S15BD02325	gyrA p.S83L
<i>S. sonnei</i>	S15BD02326	gyrA p.S83L
<i>S. sonnei</i>	S15BD02407	gyrA p.S83L
<i>S. sonnei</i>	S15BD02515	gyrA p.S83L
<i>S. sonnei</i>	S15BD02737	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD02979	gyrA p.S83L
<i>S. sonnei</i>	S15BD02995	gyrA p.S83L
<i>S. sonnei</i>	S15BD03192	gyrA p.S83L
<i>S. sonnei</i>	S15BD03801	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD03806	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD03807	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD03808	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD03850	gyrA p.S83L
<i>S. sonnei</i>	S15BD04030	gyrA p.S83L
<i>S. sonnei</i>	S15BD04031	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD04165	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD04166	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD04402	-

<i>S. sonnei</i>	S15BD04792	gyrA p.S83L
<i>S. sonnei</i>	S15BD04848	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD05940	gyrA p.S83L
<i>S. sonnei</i>	S15BD06471	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD07017	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD07161	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD07522	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD09124	gyrA p.S83L
<i>S. sonnei</i>	S15BD09162	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD09356	gyrA p.S83L
<i>S. sonnei</i>	S15BD09628	gyrA p.S83L
<i>S. sonnei</i>	S15BD09656	gyrA p.S83L
<i>S. sonnei</i>	S15BD10104	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD10108	gyrA p.S83L
<i>S. sonnei</i>	S15BD10196	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S15BD10296	gyrA p.S83L
<i>S. sonnei</i>	S16BD00285	gyrA p.S83L
<i>S. sonnei</i>	S16BD00582	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S16BD00590	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S16BD01339	gyrA p.S83L
<i>S. sonnei</i>	S16BD01740	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S16BD01790	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S16BD02574	gyrA p.D87Y
<i>S. sonnei</i>	S16BD03340	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S16BD04069	gyrA p.D87Y
<i>S. sonnei</i>	S17BD01977	-
<i>S. sonnei</i>	S17BD02088	-
<i>S. sonnei</i>	S17BD02164	-
<i>S. sonnei</i>	S17BD02526	-
<i>S. sonnei</i>	S17BD02897	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD03513	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD04438	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD06426	-
<i>S. sonnei</i>	S17BD06464	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD06759	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD06760	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD06799	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD06801	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD07774	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S17BD07961	-
<i>S. sonnei</i>	S18BD00011	gyrA p.D87Y
<i>S. sonnei</i>	S18BD00105	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S18BD00654	-
<i>S. sonnei</i>	S18BD01122	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S18BD01231	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S18BD01685	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S18BD01986	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	S18BD02200	-
<i>S. sonnei</i>	SRR1605255	gyrA p.S83L
<i>S. sonnei</i>	SRR2081185	gyrA p.D87G, gyrA p.S83L, parC p.S80I

<i>S. sonnei</i>	SRR2081189	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR2087717	gyrA p.S83L
<i>S. sonnei</i>	SRR2097498	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473843	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473844	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473847	gyrA p.D87N, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473848	gyrA p.D87Y
<i>S. sonnei</i>	SRR3473849	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473850	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473853	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473854	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473855	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473856	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473857	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473858	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473859	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473860	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473861	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3473862	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474162	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474164	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474165	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474166	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474167	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474168	gyrA p.D87G, gyrA p.S83L, parC p.S80I
<i>S. sonnei</i>	SRR3474169	gyrA p.D87G, gyrA p.S83L, parC p.S80I

The first and second columns list the species and sample names, respectively. The third column lists all AMR point mutations detected with PointFinder in the corresponding sample.

Supplementary Table S8: Detected *qnr* genes.

Sample name	Species	Collection	Gene	Ciprofloxacin resistance
ERR047236	<i>S. flexneri</i>	Connor2015	<i>qnrS1</i>	-
ERR200393	<i>S. flexneri</i>	Connor2015	<i>qnrS1</i>	-
ERR200413	<i>S. flexneri</i>	Connor2015	<i>qnrS1</i>	-
ERR217023	<i>S. flexneri</i>	Connor2015	<i>qnrS1</i>	-
ERR217024	<i>S. flexneri</i>	Connor2015	<i>qnrS1</i>	-
S13BD00302	<i>S. flexneri</i>	NRC BEL	<i>qnrS1</i>	High-level
S15BD02407	<i>S. sonnei</i>	NRC BEL	<i>qnrS1</i>	Low-level
S15BD02726	<i>S. flexneri</i>	NRC BEL	<i>qnrS1</i>	Low-level
S15BD04031	<i>S. sonnei</i>	NRC BEL	<i>qnrB4</i>	High-level
S15BD04792	<i>S. sonnei</i>	NRC BEL	<i>qnrB4</i>	Low-level
S15BD06471	<i>S. sonnei</i>	NRC BEL	<i>qnrB19</i>	High-level
S16BD00285	<i>S. sonnei</i>	NRC BEL	<i>qnrS1</i>	Low-level
S16BD00463	<i>S. flexneri</i>	NRC BEL	<i>qnrS1</i>	Low-level
S18BD00005	<i>S. flexneri</i>	NRC BEL	<i>qnrS1</i>	High-level
S18BD00011	<i>S. sonnei</i>	NRC BEL	<i>qnrS1</i>	Low-level
S18BD01109	<i>S. flexneri</i>	NRC BEL	<i>qnrS1</i>	Low-level

The first, second, and third columns list the sample name, species, and collection of the samples, respectively. The fourth column lists the detected *qnr* gene. The last column contains the result of the phenotypic testing for resistance to ciprofloxacin. A dash ('-') indicates that ciprofloxacin phenotypic testing data was not available, which was the case for samples collected from the Conner et al. [1] background collection (labeled as 'Connor2015') for which only raw sequencing data was available, in contrast to the in-house sequenced samples (labeled as 'NRC BEL') that could also be phenotypically evaluated.

Supplementary Table S9: Classification of contigs carrying *qnr* genes.

Species	Sample	Gene	Contig	# plasmid hits/ # total hits
<i>S. flexneri</i>	S13BD00302	<i>qnrS1</i>	NODE_61_length_24175_cov_15.511311	4/4
<i>S. flexneri</i>	S15BD02726	<i>qnrS1</i>	NODE_100_length_14164_cov_31.965520	3/3
<i>S. flexneri</i>	S16BD00463	<i>qnrS1</i>	NODE_139_length_9774_cov_3.145848	3/3
<i>S. flexneri</i>	S18BD00005	<i>qnrS1</i>	NODE_125_length_10163_cov_41.683041	6/6
<i>S. flexneri</i>	S18BD01109	<i>qnrS1</i>	NODE_109_length_13575_cov_18.220776	1/1
<i>S. sonnei</i>	S15BD02407	<i>qnrS1</i>	NODE_1_length_96058_cov_21.622083	142/147
<i>S. sonnei</i>	S15BD04031	<i>qnrB4</i>	NODE_106_length_15215_cov_11.891503	53/61
<i>S. sonnei</i>	S15BD04792	<i>qnrB4</i>	NODE_138_length_10323_cov_6.506865	1/1
<i>S. sonnei</i>	S15BD06471	<i>qnrB19</i>	NODE_271_length_2826_cov_235.451649	1/1
<i>S. sonnei</i>	S16BD00285	<i>qnrS1</i>	NODE_94_length_15747_cov_2.353009	2/3
<i>S. sonnei</i>	S18BD00011	<i>qnrS1</i>	NODE_103_length_15509_cov_18.621896	6/6

The first and second columns list the species and sample names, respectively. The third and fourth column list the gene and corresponding contigs, respectively. The fifth column lists the number of best scoring hits (according to bit-score) containing the term 'plasmid' in the header and the total number of hits with the given bit-score.

Supplementary Table S10: Lineage and PG classification, and ciprofloxacin resistance for the Belgian samples and background collection.

Species	PG / Lineage	# Samples								
		Belgium					Background collection			
		High res.	Low res.	Susc.	Unk.	Total	Res.	Susc.	Unk.	Total
<i>S. flexneri</i>	1	2	3	3	0	8	0	0	26	26
	2	1	1	11	0	13	0	0	14	14
	3	29	1	5	0	35	0	0	44	44
	4	0	0	1	0	1	0	0	9	9
	5	0	0	0	0	0	0	0	6	6
	6	0	0	0	0	0	0	0	16	16
	7	0	1	1	0	2	0	0	14	14
<i>S. sonnei</i>	I	0	0	0	0	0	0	0	11	11
	II	0	0	0	0	0	0	0	33	33
	III	45	35	9	0	89	52	12	78	142
	IV	0	0	0	0	0	0	0	1	1
	V	0	0	0	0	0	0	3	0	3

Abbreviations: Phylogenetic group (PG), resistant (Res.), susceptible (Susc.), unknown (Unk.).

References

1. **Connor TR, Barker CR, Baker KS, Weill FX, Talukder KA, et al.** Species-wide whole genome sequencing reveals historical global spread and recent local persistence in *Shigella flexneri*. *Elife* 2015;4:1–16.