

## Supplementary Material

**Knight DR\*, Squire MM, Collins DA and Riley TV (2016).** Genome analysis of *Clostridium difficile* PCR ribotype 014 lineage in Australian pigs and humans reveals a diverse genetic repertoire and signatures of long-range interspecies transmission. *Front. Microbiol.* **7**:2138.  
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\*Correspondence: Daniel R. Knight; [daniel.knight@uwa.edu.au](mailto:daniel.knight@uwa.edu.au)

**Supplementary Table 1 | Metrics for *C. difficile* RT014 genomes, n=44**

ID	Genome size (bp)	GC%	N genes	N CDS	CDS Length	Min CDS length	Max CDS length	N tRNA	N rRNA	N CRISPR	Total CDS Length (Mbp)	Coding %	Coding density (CDS/Mbp)	N Contigs	Largest Contig (bp)	N50
P1	4306274	28.73	4119	4034	753	74	7101	70	14	12	3.60	83.5%	937	142	679621	107246
P2	4357743	28.62	4074	4004	768	74	7101	58	11	12	3.61	82.9%	919	100	785945	111724
P3	4375492	28.75	4106	4020	759	63	7101	70	15	12	3.60	82.2%	919	196	414802	75262
P4	4393795	28.75	4069	3986	756	74	7101	67	15	11	3.54	80.7%	907	184	421420	68581
P5	4366415	29.12	4305	4248	744	74	8133	42	14	11	3.75	85.8%	973	289	940433	38916
P6	4175123	28.63	3792	3748	786	74	8133	32	11	13	3.44	82.4%	898	152	289992	73148
P7	4293431	29.19	4261	4204	741	74	8133	41	15	10	3.68	85.6%	979	360	679500	33918
P8	4216883	29.46	4175	4120	690	74	8133	41	13	9	3.59	85.0%	977	401	730980	19469
P9	4397662	29.28	4127	4070	717	74	7680	44	12	10	3.57	81.1%	925	390	748992	32136
P10	4245597	28.88	3870	3793	768	74	7959	62	14	11	3.45	81.3%	893	321	526705	31341
P11	4324910	29.15	3906	3840	738	74	8133	51	14	11	3.43	79.4%	888	422	540246	26246
P12	4303866	28.39	4044	3967	768	74	7101	63	13	11	3.58	83.2%	922	64	1036193	201820
P13	4242084	28.38	3932	3883	777	74	7101	41	7	11	3.53	83.3%	915	61	1399922	234188
P14	4246188	28.41	3913	3841	774	67	7101	59	12	10	3.50	82.3%	905	103	851845	112932
P15	4316672	28.53	4017	3963	771	74	7101	42	11	12	3.56	82.6%	918	101	1429538	135018
P16	4318597	28.65	4270	4207	702	74	8007	49	13	19	3.49	80.9%	974	259	233681	41795
H1	4260101	28.64	3916	3822	777	71	7101	77	16	11	3.49	81.9%	897	110	688013	126300

ID	Genome size (bp)	GC%	N genes	N CDS	CDS Length	Min CDS length	Max CDS length	N tRNA	N rRNA	N CRISPR	Total CDS Length (Mbp)	Coding %	Coding density (CDS/Mbp)	N Contigs	Largest Contig (bp)	N50
H2	4343405	28.48	4074	4018	768	74	7101	43	12	10	3.62	83.4%	925	83	310868	139344
H3	4159157	28.54	3834	3756	783	74	7101	65	12	13	3.44	82.7%	903	90	745387	184247
H4	4171144	28.43	3825	3752	792	74	7101	59	13	10	3.48	83.3%	900	59	1317818	202408
H5	4111116	28.5	3754	3671	786	72	7101	71	11	10	3.39	82.4%	893	92	517042	139312
H6	4213817	28.42	3846	3792	789	74	7101	44	9	11	3.49	82.8%	900	70	782378	229392
H7	4140387	28.43	3769	3705	792	74	7101	56	7	8	3.44	83.0%	895	65	651455	164735
H8	4276164	28.44	3976	3901	765	74	7101	66	8	11	3.51	82.2%	912	119	455052	98541
H9	4023709	28.33	3883	3821	783	74	7101	53	8	8	3.51	87.2%	950	86	320737	109457
H10	4321348	29.29	3976	3916	773	74	8007	46	13	17	3.55	82.2%	906	64	601448	209929
H11	4188619	28.56	3845	3766	777	74	7101	65	13	13	3.43	81.9%	899	127	356540	84471
H12	4092688	28.49	3888	3824	750	74	7101	51	12	12	3.36	82.2%	934	120	242455	71487
H13	4240966	28.49	3896	3815	780	74	7101	65	15	11	3.49	82.4%	900	98	547759	107981
H14	4261108	28.74	3872	3799	774	66	7101	61	11	12	3.45	81.0%	892	174	529871	77959
H15	4159033	28.53	3820	3751	786	74	7101	57	11	13	3.44	82.8%	902	85	1519890	199533
H16	4181626	28.76	3782	3722	768	74	8133	41	18	11	3.42	81.7%	890	168	326021	73022
H17	4175123	28.63	4047	3972	702	68	8133	52	22	13	3.55	85.0%	951	152	297923	73148
H18	4201620	28.86	3806	3745	762	71	8133	41	19	13	3.44	81.9%	891	184	487487	51608
H19	4318953	28.95	4032	3965	753	74	8133	53	13	12	3.49	80.9%	918	350	452553	27075
H20	4304209	29.25	3885	3809	723	71	8877	53	22	13	3.45	80.2%	885	254	339779	45013
H21	4284079	28.95	3877	3785	762	72	8133	66	25	10	3.52	82.1%	884	112	444046	125344
H22	4106423	28.69	3733	3663	780	74	7101	57	12	10	3.33	81.0%	892	398	296973	21492
H23	4259443	29.3	3800	3731	738	72	8133	42	26	11	3.43	80.5%	876	164	671044	101677
H24	4205942	29.12	3728	3654	765	72	8133	49	24	10	3.44	81.7%	869	152	776075	135789
Ox1533	4266433	28.26	3933	3866	783	74	8577	53	13	12	3.53	82.7%	906	82	464892	104490
Ox593	4257373	28.5	3980	3914	770	74	7101	53	12	12	3.53	82.8%	919	59	906054	19178
Ox1475	4302598	28.77	4001	3933	780	74	7101	53	14	11	3.59	83.3%	914	385	492254	18427
ATCC 43600	4202469	28.58	3863	3816	789	74	8007	32	14	14	3.50	83.2%	908	27	1854258	564956