

Supplemental Table S6. Details of genome sequencing and analysis data

Isolates	Reads (L)	Reads (R)	Length of Reads	Average length after trimming	Reads (post-filter)	Retained reads % (post-filter)	Total yield of sequence (post filter)	Read coverage	Contigs in draft assembly	Total length of contigs	K-mer value used for the assembly	*SRA accession
CS287	451884	451884	151	151	898950	99.47%	135741450	101.9	41	1332452	75	ERX472278
CS310	520467	520467	151	151	1026957	98.66%	155070507	116.6	49	1330254	85	ERX472279
CS311	558784	558784	151	151	1110775	99.39%	167727025	128.2	37	1308053	85	ERX472280
JIR1204	789733	789733	101	95	1556079	98.52%	147827505	112.6	57	1313125	55	ERX472281
VCS1172	375720	375720	100	88	736922	98.07%	64849136	47.1	485	1376611	SPADES	ERX472282
VCS1001	1840750	1840750	101	93	3624093	98.44%	337040649	246.9	56	1365261	65	ERX472283
HA322	972164	972164	151	149	1944276	100.00%	289697124	201.5	96	1437611	85	ERX472284
AC3466	544358	544358	151	122	1040150	95.54%	126898300	91.8	62	1382229	75	ERX472285
AC3486	459232	459232	151	125	907402	98.80%	113425250	82.4	65	1375730	75	ERX472286
AC3488	135899	135899	151	125	268803	98.90%	33600375	25.2	65	1333181	55	ERX472287
VCS1703A	2082893	2082893	101	93	4095861	98.32%	380915073	279.9	57	1361104	65	ERX472288
AC3597	895073	895073	101	94	1760724	98.36%	165508056	125.5	78	1319210	55	ERX472289
AC3629	553707	553707	151	121	1102666	99.57%	133422586	99.6	54	1339182	75	ERX472290
CS101	914178	914178	151	150	1828314	100.00%	274247100	204.1	48	1343900	95	ERX472291
AC293	679782	679782	151	121	1354757	99.65%	163925597	116.1	63	1412341	75	ERX472292
05-061-1-6	5983326	5983326	101	84	10635557	88.88%	893386788	667.3	60	1338827	65	ERX472293
05-061-25-8	859741	859741	151	148	1719435	100.00%	254476380	188.2	90	1352151	95	ERX472294
05-061-39-1	4157689	4157689	101	85	7160796	86.12%	608667660	458.1	45	1328583	65	ERX472295
08-251-8-1	3056664	3056664	101	85	5213844	85.29%	443176740	333.8	53	1327520	65	ERX472296
09-096-6-1	4879776	4879776	101	85	8721257	89.36%	741306845	554.3	46	1337334	75	ERX472297
10-058-1-3	4912923	4912923	101	85	8645642	87.99%	734879570	539.7	86	1361712	75	ERX472298
11-163-4-1	787195	787195	151	148	1574327	100.00%	233000396	165.5	187	1408201	75	ERX472299
06-057-6-8	4674278	4674278	101	85	8158400	87.27%	693464000	518.2	67	1338301	75	ERX472300
08-011-4-1	3338521	3338521	101	85	4851298	72.66%	412360330	309.1	53	1334153	75	ERX472301
11-139-7-1	719857	719857	151	119	1435191	99.69%	170787729	127.5	55	1339478	65	ERX472302
VCS1008	2226235	2226235	151	122	4447438	99.89%	542587436	387.3	55	1400787	75	ERX472303

VCS1137	1823047	1823047	151	123	3641489	99.87%	447903147	329.5	48	1359395	85	ERX472304
VCS1017	735044	735044	151	114	1468517	99.89%	167410938	119.4	70	1402458	75	ERX472305
VCS1687	924285	924285	151	114	1846514	99.89%	210502596	145.6	89	1445469	65	ERX472306
VCS1623	806694	806694	151	114	1611019	99.85%	183656166	130.2	81	1410522	65	ERX472307
CS94A	878832	878832	151	147	1757629	100.00%	258371463	179.5	65	1439294	85	ERX472308
CS182A	1121010	1121010	151	147	2241963	100.00%	329568561	242.1	48	1361204	85	ERX472309
CS193	1632169	1632169	151	147	3264227	100.00%	479841369	333.9	81	1437203	95	ERX472310
CS219C	401052	401052	151	148	802087	100.00%	118708876	82.5	81	1439451	85	ERX472311
CS247	764317	764317	151	149	1528596	100.00%	227760804	156.2	120	1458209	85	ERX472312
CS254	521552	521552	151	150	1043076	100.00%	156461400	114.6	48	1364735	85	ERX472313
C305	161673	161673	151	149	323343	100.00%	48178107	33.5	156	1439044	75	ERX472314
VCS1006	768680	768680	151	119	1532707	99.70%	182392133	127.4	70	1431628	75	ERX472315
RBG-17	5606735	5606735	101	84	9629323	85.87%	808863132	586.6	62	1378955	75	ERX472316
09-5148-1a	560418	560418	151	117	1103395	98.44%	129097215	98.7	48	1307721	75	ERX472317
09-5625-1a	1466940	1466940	151	121	2893281	98.62%	350087001	259.7	49	1348262	75	ERX472318
09-6137-1a	1302152	1302152	151	122	2562519	98.40%	312627318	238.7	44	1309696	85	ERX472319
09-6137-2a	487899	487899	151	112	970298	99.44%	108673376	83.3	44	1304470	55	ERX472320
09-6137-7a	499930	499930	151	112	998077	99.82%	111784624	82.9	65	1348387	75	ERX472321
09-6137-10a	607792	607792	151	112	1211708	99.68%	135711296	101.6	68	1335154	75	ERX472322
11-8906-1a	758874	758874	151	112	1502690	99.01%	168301280	130.0	45	1294465	75	ERX472323
09-5148-3a	552550	552550	151	118	1094707	99.06%	129175426	98.9	46	1306287	65	ERX472324
Ind-1	852196	852196	151	114	1702263	99.88%	194057982	148.8	28	1304006	75	ERX472325
Nep-6-6	2884672	2884672	101	80	4917265	85.23%	393381200	283.5	82	1387495	65	ERX472326
08-2321-5a	3221288	3221288	101	84	5808091	90.15%	487879644	360.4	64	1353696	75	ERX472327
08-2408-4a	4938310	4938310	101	85	9146480	92.61%	777450800	600.6	37	1294515	75	ERX472328
09-1338-11b	4099548	4099548	101	85	7456943	90.95%	633840155	459.4	81	1379657	75	ERX472329
09-1399-1b	4040081	4040081	101	85	7343323	90.88%	624182455	480.2	44	1299732	75	ERX472330
09-1715-2h	3463504	3463504	101	85	5958304	86.02%	506455840	380.4	62	1331330	75	ERX472331
09-2912-7c	4762529	4762529	101	85	8558564	89.85%	727477940	535.5	66	1358601	85	ERX472332
09-3473-11a	4653184	4653184	101	85	8330856	89.52%	708122760	545.0	44	1299264	75	ERX472333
09-4068-1a	2635196	2635196	101	77	4472215	84.86%	344360555	262.1	66	1313900	65	ERX472334
09-5097-1a	5475928	5475928	101	77	9277064	84.71%	714333928	551.2	46	1295997	65	ERX472335
09-5341-13b	6549030	6549030	101	77	11265877	86.01%	867472529	669.1	41	1296406	65	ERX472336

09-5688-7d	4989676	4989676	101	77	8270190	82.87%	636804630	491.1	49	1296783	65	ERX472337
10-0483-9a	4784488	4784488	101	77	7320744	76.50%	563697288	434.9	46	1296075	65	ERX472338
10-0781-4a	4052520	4052520	101	80	6928809	85.49%	554304720	427.8	47	1295786	65	ERX472339
10-1096-8a	3559678	3559678	101	80	6211720	87.25%	496937600	375.5	54	1323522	55	ERX472340
10-3073-1a	4768193	4768193	101	80	8281679	86.84%	662534320	512.4	42	1293054	65	ERX472341
10-3073-4b	4465355	4465355	101	80	7626677	85.40%	610134160	460.0	64	1326442	65	ERX472342
10-4697-2b	7869851	7869851	101	80	13669763	86.85%	1093581040	798.8	61	1369061	75	ERX472343
10-5149-1a	4791706	4791706	101	80	8366084	87.30%	669286720	486.5	72	1375717	65	ERX472344
09-1622-6h	3919791	3919791	101	85	7201990	91.87%	612169150	455.8	53	1343189	65	ERX472345
09-3055-14a	4540833	4540833	101	85	8268946	91.05%	702860410	529.4	41	1327546	65	ERX472346
09-3796-10c	4920499	4920499	101	85	8869450	90.13%	753903250	580.1	40	1299514	75	ERX472347
09-5005-8a	5315511	5315511	101	77	9073515	85.35%	698660655	540.3	46	1293196	65	ERX472348
09-5146-2b	4701211	4701211	101	77	7915208	84.18%	609471016	455.2	59	1338825	65	ERX472349
09-5146-4a	4322410	4322410	101	77	7273108	84.13%	560029316	402.4	92	1391719	65	ERX472350
09-5150-4a	4206942	4206942	101	77	6617695	78.65%	509562515	387.5	52	1315163	65	ERX472351
09-5436-2a	5042813	5042813	101	77	8475618	84.04%	652622586	486.1	61	1342578	65	ERX472352
10-0857-2c	4906892	4906892	101	80	8174241	83.29%	653939280	494.0	52	1323641	75	ERX472353
10-2193-2c	2960815	2960815	101	80	4656920	78.64%	372553600	282.9	59	1316809	65	ERX472354
10-4333-18b	5177502	5177502	101	80	8892391	85.88%	711391280	537.4	53	1323794	65	ERX472355
08-2408-5a	538591	538591	151	125	1075361	99.83%	134420125	103.5	37	1298564	75	ERX472356
10-2777-3g	562962	562962	151	125	1124427	99.87%	140553375	108.9	34	1291136	75	ERX472357
10-5036-5c	557715	557715	151	125	1113498	99.83%	139187250	107.5	37	1294396	75	ERX472358
10-5036-5a	606767	606767	151	125	1210560	99.75%	151320000	116.5	37	1299413	75	ERX472359
10-5036-12c	624719	624719	151	125	1243102	99.49%	155387750	120.0	50	1295211	75	ERX472360
10-1778-2a	703115	703115	151	93	1384341	98.44%	128743713	99.4	54	1295363	55	ERX472361
10-1837-12a	799029	799029	151	93	1572279	98.39%	146221947	113.8	52	1284608	55	ERX472362
AN363-05	1199754	1199754	250	225	2399027	99.98%	539781075	396.3	43	1362096	165	ERX472363
AN484-05	1444747	1444747	250	225	2888368	99.96%	649882800	485.8	59	1337892	165	ERX472364
07BKT018497	611745	611745	250	241	1222846	99.95%	294705886	203.7	71	1446640	155	ERX472365
12BKT031675	1924460	1924460	250	115	3845618	99.91%	442246070	326.0	217	1356693	145	ERX472366
11BKT048543	1154590	1154590	250	238	2308726	99.98%	549476788	410.9	70	1337200	155	ERX472367
11BKT051780	1318042	1318042	250	123	2634297	99.93%	324018531	243.9	123	1328385	135	ERX472368
12BKT052990	1073480	1073480	250	238	2146314	99.97%	510822732	378.4	59	1350111	165	ERX472369

11BKT055907	952736	952736	250	241	1905094	99.98%	459127654	349.3	40	1314303	165	ERX472370
11BKT058516	1358989	1358989	250	110	2716254	99.94%	298787940	225.7	172	1323901	125	ERX472371
11BKT058890	992757	992757	250	105	1983780	99.91%	208296900	155.2	195	1341717	115	ERX472372
11BKT062646	2606706	2606706	250	109	5207625	99.89%	567631125	428.7	117	1324207	135	ERX472373
08BKT063297	1183183	1183183	250	234	2365707	99.97%	553575438	416.2	46	1330048	155	ERX472374
12BKT066722	1376767	1376767	250	222	2752451	99.96%	611044122	459.9	40	1328624	155	ERX472375
12BKT066771	1599545	1599545	250	113	3196808	99.93%	361239304	275.6	139	1310506	135	ERX472376
11BKT068051	1035839	1035839	250	115	2069247	99.88%	237963405	180.6	171	1317779	125	ERX472377
11BKT072696	477343	477343	250	120	953757	99.90%	114450840	87.7	345	1304882	105	ERX472378
12BKT073391	1060936	1060936	250	232	2121124	99.96%	492100768	368.5	46	1335294	145	ERX472379
153-LB2	922662	922662	151	93	1816150	98.42%	168901950	130.3	51	1295893	65	ERX472380

^aSequence Read Archive Accession