Supplementary Table 2: Information of genome resequencing data.

Samples	Raw_Reads	Clean_Reads	Clean_Reads_Percent	Raw_Base	Clean_Base	Clean_Base_Percent	GC_Content	>Q20	>Q30	File name 1	MD5 checksum 1	File name 2	MD5 checksum 2	Accession	BioSample accession
CATCM001	39277610	37535406	95.56%	3927761000(3.93G)	3752824674(3.75G)	95.55%	39.63%	97.60%	91.79%	1571_1_clean.fq.gz	a513f1e5e8657bf4b8c3ca67d5552128	1571_2_clean.fq.gz	db84c840ee013590dce768b8f1613044	CRX764324	SAMC2992037
CATCM002	30123054	28403026	94.29%	3012305400(3.01G)	2839807666(2.84G)	94.27%	41.06%	97.18%	90.60%	1572_1_clean.fq.gz	92a911383c33a316e32c3662cf997979	1572_2_clean.fq.gz	300c1e371165ad9621887161c6de6a90	CRX764325	SAMC2992038
CATCM003	27673328	25961324	93.81%	2767332800(2.77G)	2595343236(2.60G)	93.79%	39.82%	97.42%	91.41%	1573_1_clean.fq.gz	cfcb9c51f03872f33639754d5d23640c	1573_2_clean.fq.gz	a454171b54414fdb67059a819d1389be	CRX764326	SAMC2992039
CATCM004	37530402	35680816	95.07%	3753040200(3.75G)	3567318466(3.57G)	95.05%	39.58%	97.42%	91.22%	1574_1_clean.fq.gz	287c6eec401ab56e32c8deffcc1d8dde	1574_2_clean.fq.gz	c1fb0bb23fc8f37fff44629b6055a23d	CRX764327	SAMC2992040
CATCM005	37651214	36037214	95.71%	3765121400(3.77G)	3603048396(3.60G)	95.70%	40.37%	97.55%	91.51%	1579_1_clean.fq.gz	e9cfe623d4f61060180e977a60e061b4	1579_2_clean.fq.gz	404c68cd6a12f8e7bfa489d78e5f56f2	CRX764328	SAMC2992041
CATCM006	32998528	30992118	93.92%	3299852800(3.30G)	3098542624(3.10G)	93.90%	40.74%	97.16%	90.67%	1580_1_clean.fq.gz	0df969785cb67d66175bdd32470c338f	1580_2_clean.fq.gz	9c0e4fb541e54eeb9217ac08d172ba44	CRX764329	SAMC2992042
CATCM007	41563108	39520726	95.09%	4156310800(4.16G)	3951401384(3.95G)	95.07%	39.55%	97.41%	91.28%	1581_1_clean.fq.gz	da0115df941cd3423da22ae44a1d38cd	1581_2_clean.fq.gz	bd1d8dbe08e2ad72b2673f0634d2697b	CRX764330	SAMC2992043
CATCM008	30004812	27838454	92.78%	3000481200(3.00G)	2783362626(2.78G)	92.76%	39.88%	97.16%	90.60%	1584_1_clean.fq.gz	74bfa6813ed877dd6d3692d691ccad81	1584_2_clean.fq.gz	46d34146ec4e91dedc22aef537e482c8	CRX764331	SAMC2992044
CATCM009	32768670	30651010	93.54%	3276867000(3.28G)	3064375670(3.06G)	93.52%	40.75%	97.30%	90.88%	1587_1_clean.fq.gz	387c48992ddbe5598283333b3316d388	1587_2_clean.fq.gz	87c444b36304358ce24a715918fb490b	CRX764332	SAMC2992045
CATCM010	51729378	49345562	95.39%	5172937800(5.17G)	4933685422(4.93G)	95.37%	38.83%	97.59%	91.78%	1591_1_clean.fq.gz	43992c9e6bf0d3e12f912ef43f333a1a	1591_2_clean.fq.gz	46a86eb98fb868d02de9e7a4ba7fd8d3	CRX764333	SAMC2992046
CATCM011	47991810	45467282	94.74%	4799181000(4.80G)	4545782858(4.55G)	94.72%	39.05%	97.33%	91.16%	1592_1_clean.fq.gz	f3187bdcf0b80c77c9e13bd64b05d6aa	1592_2_clean.fq.gz	573538610f76eb4fbad56a77d3023043	CRX764334	SAMC2992047

Supplementary Table 2 (Continued):

CATCM012	44027274	41989608	95.37%	4402727400(4.40G)	4198273044(4.20G)	95.36%	38.42%	97.62%	91.86%	1593_1_clean.fq.gz	c04be6cd2be1a6efffbe6705101d7791	1593_2_clean.fq.gz	d77cd6fa0815f74d3568df75ab2c926c	CRX764335	SAMC2992048
CATCM013	40888248	39087294	95.60%	4088824800(4.09G)	3908122022(3.91G)	95.58%	38.96%	97.62%	91.84%	1594_1_clean.fq.gz	5acbf1acad2a26eb5403381cddf34978	1594_2_clean.fq.gz	455f45c920cd236ecc3c99f182f10fc1	CRX764336	SAMC2992049
CATCM014	33214592	31858452	95.92%	3321459200(3.32G)	3185334258(3.19G)	95.90%	38.28%	97.85%	92.46%	1596_1_clean.fq.gz	e929e23b07c66e302d257a29978bfe06	1596_2_clean.fq.gz	823b5bcd178f529e3408619c7fd75c4f	CRX764337	SAMC2992050
CATCM015	38900458	37226646	95.70%	3890045800(3.89G)	3722091540(3.72G)	95.68%	38.33%	97.80%	92.36%	1597_1_clean.fq.gz	bd1b51f6eb32554ce1e5df727d8b4585	1597_2_clean.fq.gz	71a59a4a106f0242896f3a61488fb07a	CRX764338	SAMC2992051
CATCM016	40406952	38608630	95.55%	4040695200(4.04G)	3860103842(3.86G)	95.53%	38.49%	97.79%	92.34%	1598_1_clean.fq.gz	62170d1319f0f774e40b7a6739df6397	1598_2_clean.fq.gz	de6939cdd446ad6ab800d928f38d8ac2	CRX764339	SAMC2992052
CATCM018	38316712	36847566	96.17%	3831671200(3.83G)	3684122148(3.68G)	96.15%	38.72%	97.81%	92.36%	1602_1_clean.fq.gz	a1568ee183d2cab427b05d4df5cee669	1602_2_clean.fq.gz	e2c330d568627ae17a2e2fda14fa583d	CRX764341	SAMC2992054
CATCM019	49219108	47288088	96.08%	4921910800(4.92G)	4728131344(4.73G)	96.06%	38.55%	97.78%	92.29%	1603_1_clean.fq.gz	336fad6875bb81da54b4ef2fa75b5643	1603_2_clean.fq.gz	8c7cd6b04878981f0fc314b5220aa135	CRX764342	SAMC2992055
CATCM020	30568350	29360194	96.05%	3056835000(3.06G)	2935576060(2.94G)	96.03%	39.26%	97.79%	92.30%	1605_1_clean.fq.gz	ee1425c8cad5c34ae5f6f451122027fc	1605_2_clean.fq.gz	f7b952f61767e73938cc96182e223e99	CRX764343	SAMC2992056
CATCM021	33182054	31852632	95.99%	3318205400(3.32G)	3184718498(3.18G)	95.98%	38.62%	97.89%	92.56%	1606_1_clean.fq.gz	712a870e631803fd88980bb93e873252	1606_2_clean.fq.gz	6522870c058f4abb53eb2bc2abf4e797	CRX764344	SAMC2992057
CATCM022	29065552	27991010	96.30%	2906555200(2.91G)	2798664058(2.80G)	96.29%	39.26%	97.84%	92.41%	1607_1_clean.fq.gz	8540e0d5a22d915c2a63d339ed71235f	1607_2_clean.fq.gz	8da18d8dcfc336b693a9958b6f5245a0	CRX764345	SAMC2992058
CATCM023	29022992	27781970	95.72%	2902299200(2.90G)	2777588630(2.78G)	95.70%	39.03%	97.74%	92.08%	1608_1_clean.fq.gz	fde95f4fe8477d400045121ba36fb8ed	1608_2_clean.fq.gz	8f6365e949661f0f00a11b1593216d0e	CRX764346	SAMC2992059
CATCM024	37558126	36123428	96.18%	3755812600(3.76G)	3611681846(3.61G)	96.16%	38.70%	97.79%	92.29%	1609_1_clean.fq.gz	96b4d4904e55e31d5928cc2c0047ad39	1609_2_clean.fq.gz	722a5b874d5002c4e2ab14e03ba97c2f	CRX764347	SAMC2992060

Supplementary Table 2 (Continued):

CATCM025	30389930	29206070	96.10%	3038993000(3.04G)	2920073064(2.92G)	96.09%	39.12%	97.81%	92.35%	1610_1_clean.fq.gz	280c4d32b05169aa148c6c5494b8b242	1610_2_clean.fq.gz	0a9c969919991833b3c75212f9161097	CRX764348	SAMC2992061
CATCM026	35525692	34041246	95.82%	3552569200(3.55G)	3403540406(3.40G)	95.81%	38.68%	97.82%	92.47%	1611_1_clean.fq.gz	3e51b861e9b4baffdef561cd31656a5b	1611_2_clean.fq.gz	629a38815fef0ce72c28ddf6a02f8b60	CRX764349	SAMC2992062
CATCM027	34120500	32919522	96.48%	3412050000(3.41G)	3291430060(3.29G)	96.46%	38.28%	97.99%	92.90%	1615_1_clean.fq.gz	b8186b2d58a8bd0a3472bb41fa7cf945	1615_2_clean.fq.gz	0912f40ae4775bbb302618d0e4d7e319	CRX764350	SAMC2992063
CATCM028	27343762	25529048	93.36%	2734376200(2.73G)	2552497640(2.55G)	93.35%	40.57%	97.25%	90.75%	1617_1_clean.fq.gz	ec2b015018bdf045af7cecfcb4bb10d2	1617_2_clean.fq.gz	3a1c0b88672b3918cf13e58f949a3141	CRX764351	SAMC2992064
CATCM029	37659152	35834688	95.16%	3765915200(3.77G)	3582955510(3.58G)	95.14%	39.31%	97.64%	91.70%	1621_1_clean.fq.gz	cdc3519cbe5f745b7305353f190113dc	1621_2_clean.fq.gz	f346512f9a8698aa32d34eb04c064340	CRX764352	SAMC2992065
CATCM030	36212290	34995090	96.64%	3621229000(3.62G)	3498897688(3.50G)	96.62%	37.81%	98.06%	93.11%	1622_1_clean.fq.gz	d862ea48e22086b2d6b6588925304a62	1622_2_clean.fq.gz	5be186ad4edd29ea9a05230314fabb82	CRX764353	SAMC2992066
CATCM031	34128328	32866900	96.30%	3412832800(3.41G)	3286205052(3.29G)	96.29%	38.20%	97.94%	92.77%	1624_1_clean.fq.gz	657479d64ba817bd25fa447246bf4b29	1624_2_clean.fq.gz	9fb8fd12a603961ea943196048168e75	CRX764354	SAMC2992067
CATCM032	35091304	33625298	95.82%	3509130400(3.51G)	3361846290(3.36G)	95.80%	38.39%	97.68%	91.97%	1625_1_clean.fq.gz	ef8752eff7ec686f2a9c7b48d1b2439b	1625_2_clean.fq.gz	7d590ad3fa1711b2eac352fcfd478341	CRX764355	SAMC2992068
CATCM033	51415444	49180982	95.65%	5141544400(5.14G)	4917285060(4.92G)	95.64%	38.66%	97.59%	91.75%	1626_1_clean.fq.gz	4bef51e7a7299178f2bcc3c68aa68d76	1626_2_clean.fq.gz	b1db018daceae3761d70ea8791a2e944	CRX764356	SAMC2992069
CATCM034	39581756	37290472	94.21%	3958175600(3.96G)	3728429880(3.73G)	94.20%	39.90%	97.33%	91.00%	1627_1_clean.fq.gz	d2ce6d15f9e5d2bd2c2101b335c1ba56	1627_2_clean.fq.gz	311e364f6266055890b246905bee60b8	CRX764357	SAMC2992070
CATCM035	34847720	33404566	95.86%	3484772000(3.48G)	3339869108(3.34G)	95.84%	38.50%	97.83%	92.45%	1628_1_clean.fq.gz	bc93001aaf2c79e30fe972c0a37856a1	1628_2_clean.fq.gz	d3b4834b32560aec0c80c2e0552542de	CRX764358	SAMC2992071
CATCM036	35199528	33640378	95.57%	3519952800(3.52G)	3363113048(3.36G)	95.54%	38.86%	97.85%	92.54%	1629_1_clean.fq.gz	14b3698d9a8d2a09b37ab30f639cd42d	1629_2_clean.fq.gz	9a71775c8b08c73938a6f9ace2c79c70	CRX764359	SAMC2992072

Supplementary Table 2 (Continued):

CATCM037	34717166	33225462	95.70%	3471716600(3.47G)	3321859064(3.32G)	95.68%	39.38%	97.87%	92.59%	1630_1_clean.fq.gz	11bcfd75dca9aa8fda36ea87c3aaae55	1630_2_clean.fq.gz	df087094d66575e94caabe7c1c1c74df	CRX764360	SAMC2992073
CATCM038	32168212	30129828	93.66%	3216821200(3.22G)	3012261996(3.01G)	93.64%	40.83%	97.38%	91.07%	1631_1_clean.fq.gz	f8d62233f1c9830027209718081b7f70	1631_2_clean.fq.gz	2c4d19f202348ac81aa7db725d7d8c17	CRX764361	SAMC2992074
CATCM039	32089716	30756200	95.84%	3208971600(3.21G)	3075116020(3.08G)	95.83%	38.24%	97.90%	92.68%	1632_1_clean.fq.gz	aa5d4a631f44a3ff2fdfd805e7bfa4c5	1632_2_clean.fq.gz	0df971a71edc922ef5fc0ab6b75b9dca	CRX764362	SAMC2992075
CATCM040	36430402	35011200	96.10%	3643040200(3.64G)	3500586558(3.50G)	96.09%	38.67%	97.95%	92.74%	1633_1_clean.fq.gz	65aef53a9745b163401c2d01b763eb2e	1633_2_clean.fq.gz	74fd2a7b312736dabd4ce8bfc53cb7d3	CRX764363	SAMC2992076
CATCM041	37047294	35624620	96.16%	3704729400(3.70G)	3561920144(3.56G)	96.15%	38.34%	97.98%	92.88%	1636_1_clean.fq.gz	e8aa675248a10efbf6758fe0875ef4b0	1636_2_clean.fq.gz	5efdf041426f566ef479166a5ee6a11f	CRX764364	SAMC2992077
CATCM042	36091542	34783294	96.38%	3609154200(3.61G)	3477715422(3.48G)	96.36%	38.62%	97.94%	92.75%	1650_1_clean.fq.gz	29c53c9e5ca1b68449657b40560903ed	1650_2_clean.fq.gz	64fd0e5b5f50e612c0224c3491025ac8	CRX764365	SAMC2992078
CATCM043	36571000	35081728	95.93%	3657100000(3.66G)	3507587930(3.51G)	95.91%	38.54%	97.67%	91.89%	1652_1_clean.fq.gz	ce30fc2f9a33abaf4a8588ea1281198b	1652_2_clean.fq.gz	035419d9663927987223197aed9026ab	CRX764366	SAMC2992079
CATCM044	36204442	34691232	95.82%	3620444200(3.62G)	3468706132(3.47G)	95.81%	38.26%	97.63%	91.80%	1653_1_clean.fq.gz	4f55754893d61d206791be6bea20a955	1653_2_clean.fq.gz	c5ee4ec0b5ef4dccb9dcaf9159b73329	CRX764367	SAMC2992080
CATCM045	23530180	22484120	95.55%	2353018000(2.35G)	2248006850(2.25G)	95.54%	38.48%	97.65%	91.87%	1654_1_clean.fq.gz	67f7608c32b97c26b96a53528a54160b	1654_2_clean.fq.gz	cf463a8bd30a605319595aada36ef721	CRX764368	SAMC2992081
CATCM046	40001866	38157012	95.39%	4000186600(4.00G)	3815012636(3.82G)	95.37%	38.21%	97.61%	91.76%	1656_1_clean.fq.gz	e2422df4bac698f63ad78ab4da8688a6	1656_2_clean.fq.gz	c409a9cde31ad98d7f3029c39bfe96e7	CRX764369	SAMC2992082
CATCM047	32344084	30877550	95.47%	3234408400(3.23G)	3087261782(3.09G)	95.45%	38.44%	97.62%	91.80%	1657_1_clean.fq.gz	921a5e68eef46499204fe0bce571a86d	1657_2_clean.fq.gz	b3d4153b74613e7a8b2d886a80060867	CRX764370	SAMC2992083
CATCM048	43042016	40698472	94.56%	4304201600(4.30G)	4068922770(4.07G)	94.53%	38.26%	97.47%	91.51%	1659_1_clean.fq.gz	8336052a42bce27800864321ee7b20bf	1659_2_clean.fq.gz	795b378c24e431c3db0b5061a34bf911	CRX764371	SAMC2992084

Supplementary Table 2 (Continued):

CATCM049	42254002	40437004	95.70%	4225400200(4.23G)	4043087674(4.04G)	95.69%	38.51%	97.65%	91.85%	1660_1_clean.fq.gz	ff3a54038a66e64acf825580fe7bf178	1660_2_clean.fq.gz	ff1fd2c3e6e19ec87031a24c731c17ef	CRX764372	SAMC2992085
CATCM050	44950762	43002596	95.67%	4495076200(4.50G)	4299521210(4.30G)	95.65%	38.73%	97.71%	92.01%	1661_1_clean.fq.gz	a55382a0d3eb72acb04130d18ef73193	1661_2_clean.fq.gz	1bade0cceb6b2a16234856b4fb85912a	CRX764373	SAMC2992086
CATCM051	38798678	37334008	96.22%	3879867800(3.88G)	3732777332(3.73G)	96.21%	39.03%	97.85%	92.48%	1662_1_clean.fq.gz	b2e3528af64252edbe0d0d0f0e407158	1662_2_clean.fq.gz	aa2d76443d5c2a4a9c2c9665a74b6568	CRX764374	SAMC2992087
CATCM052	37358760	36054648	96.51%	3735876000(3.74G)	3604844916(3.60G)	96.49%	38.71%	98.00%	92.88%	1663_1_clean.fq.gz	0fc4978c421e12b037482cc14cd302c0	1663_2_clean.fq.gz	0f2d9b9388b6c8403bfd9f1da3535ba7	CRX764375	SAMC2992088
CATCM053	31727608	29747250	93.76%	3172760800(3.17G)	2974213488(2.97G)	93.74%	40.45%	97.30%	90.88%	1664_1_clean.fq.gz	34d98f55c356f3d2287bda753ee9b48c	1664_2_clean.fq.gz	7977546af669cfe2835ca4a77a231b16	CRX764376	SAMC2992089
CATCM054	42288258	40407568	95.55%	4228825800(4.23G)	4039793064(4.04G)	95.53%	40.31%	97.54%	91.62%	1665_1_clean.fq.gz	dc419009119cc1a2ed647c257d18eeb5	1665_2_clean.fq.gz	5b029e97ec87c31f389f9ae3bcac5742	CRX764377	SAMC2992090
CATCM055	45414892	42443682	93.46%	4541489200(4.54G)	4242992676(4.24G)	93.43%	41.05%	97.22%	90.84%	1666_1_clean.fq.gz	1437b3c32679be97f3168f274726ac7a	1666_2_clean.fq.gz	6759f148f9e5e2b8e582622635f54c6c	CRX764378	SAMC2992091
CATCM056	40931108	38457308	93.96%	4093110800(4.09G)	3844964328(3.84G)	93.94%	40.55%	97.10%	90.54%	1667_1_clean.fq.gz	7db18d79c49c252a6f2cfcfceeb37003	1667_2_clean.fq.gz	207e1b3ec2cc53380c4d7f630788a975	CRX764379	SAMC2992092
CATCM057	40010376	37804844	94.49%	4001037600(4.00G)	3779963634(3.78G)	94.47%	40.53%	97.37%	91.13%	1668_1_clean.fq.gz	a4e8a3748f0d797b0611857441475554	1668_2_clean.fq.gz	43b1d5b68ca69d63522c9446c68add3a	CRX764380	SAMC2992093
CATCM058	36726022	34894936	95.01%	3672602200(3.67G)	3488858956(3.49G)	95.00%	39.90%	97.46%	91.44%	1669_1_clean.fq.gz	9932f715923e4e83bc0c045916bfa8ba	1669_2_clean.fq.gz	d9ac470ef4c6fba80a9c84232ff50f83	CRX764381	SAMC2992094
CATCM059	36730364	34939462	95.12%	3673036400(3.67G)	3493402294(3.49G)	95.11%	39.85%	97.53%	91.48%	1670_1_clean.fq.gz	c10974c24679990e54dbbb696cb15ed2	1670_2_clean.fq.gz	4d8b4f6d69efb8201c1ebb477f99f933	CRX764382	SAMC2992095
CATCM060	36040994	34125330	94.68%	3604099400(3.60G)	3412072710(3.41G)	94.67%	40.00%	97.56%	91.73%	1671_1_clean.fq.gz	2b2aa42fbf621a4e51386645430f9f0d	1671_2_clean.fq.gz	7b1e45ea60c5dd28063e8634e48ea196	CRX764383	SAMC2992096

Supplementary Table 2 (Continued):

CATCM061	38354768	36519940	95.22%	3835476800(3.84G)	3651167120(3.65G)	95.19%	40.05%	97.62%	91.76%	1672_1_clean.fq.gz	2539b2721d79bb05b41f440b770a689b	1672_2_clean.fq.gz	53e2128df977ac60e668ec51379e2164	CRX764384	SAMC2992097
CATCM062	33177836	31296422	94.33%	3317783600(3.32G)	3129042052(3.13G)	94.31%	39.87%	97.49%	91.36%	1673_1_clean.fq.gz	ec1e85cf220fbc5c2faf8b4a359ac050	1673_2_clean.fq.gz	35715fc5d8b18117fe9b37a3eb82b1d6	CRX764385	SAMC2992098
CATCM063	37264246	35327440	94.80%	3726424600(3.73G)	3531782014(3.53G)	94.78%	40.34%	97.46%	91.38%	BT2_1_clean.fq.gz	5a2cf2acfb5c3a57f17ff4eacfe6be2f	BT2_2_clean.fq.gz	642baa2a5bc687bf376dc06f5edcabe2	CRX764386	SAMC2992099
CATCM064	34013000	32320618	95.02%	3401300000(3.40G)	3231030706(3.23G)	94.99%	40.65%	97.49%	91.45%	BT3_1_clean.fq.gz	842dbef4c966a3d986002a911c30fd7e	BT3_2_clean.fq.gz	d28143f16ec55666522c3b04b61ab539	CRX764387	SAMC2992100
CATCM065	32916678	31452068	95.55%	3291667800(3.29G)	3144489660(3.14G)	95.53%	39.84%	97.63%	91.80%	BT4_1_clean.fq.gz	7330d33feb97e422fa24c2ae8b19bbd6	BT4_2_clean.fq.gz	af94f827ac38b586c324fc5437bab90a	CRX764388	SAMC2992101
CATCM066	32995590	31242534	94.69%	3299559000(3.30G)	3123595134(3.12G)	94.67%	41.09%	97.32%	90.93%	BT5_1_clean.fq.gz	a5e3bb28ffd8f3dc72eac180732eaa4d	BT5_2_clean.fq.gz	5a641fbf0574a468e21dd048d89c6c34	CRX764389	SAMC2992102
CATCM067	25349314	23813654	93.94%	2534931400(2.53G)	2380470490(2.38G)	93.91%	41.55%	97.20%	90.70%	BT6_1_clean.fq.gz	082e9553fea85f3b48c3d813a1b0d004	BT6_2_clean.fq.gz	9255f6572aa21ab3fbcb9d5c3fb15cad	CRX764390	SAMC2992103
CATCM068	39832396	37756546	94.79%	3983239600(3.98G)	3774624936(3.77G)	94.76%	40.62%	97.38%	91.19%	BT7_1_clean.fq.gz	9759d6bfe9cf00693fd12b271ab7fde6	BT7_2_clean.fq.gz	2e86d33d92c1a4ea689d9f0bc4168573	CRX764391	SAMC2992104
CATCM069	37227128	35835682	96.26%	3722712800(3.72G)	3583024232(3.58G)	96.25%	38.97%	97.86%	92.37%	BT8_1_clean.fq.gz	d57c4c5b01e60180a4873e2c9d30c7f7	BT8_2_clean.fq.gz	11e50f4fbac2424af5d6c3c78a10ba96	CRX764392	SAMC2992105
CATCM070	35251504	33535950	95.13%	3525150400(3.53G)	3352736472(3.35G)	95.11%	39.89%	97.41%	91.20%	BT9_1_clean.fq.gz	9bbf0d07f92220e2e94f3191d5dc84b4	BT9_2_clean.fq.gz	4612533cf9c979d1a31a3310d9e31543	CRX764393	SAMC2992106
CATCM071	33965374	32706632	96.29%	3396537400(3.40G)	3269930942(3.27G)	96.27%	40.30%	97.87%	92.51%	BT10_1_clean.fq.gz	476a39e55e3d3d33a257d135fab49e8b	BT10_2_clean.fq.gz	34fed7e29310e4a7654de33c7ef576ae	CRX764394	SAMC2992107
CATCM072	39022378	37093010	95.06%	3902237800(3.90G)	3708626886(3.71G)	95.04%	39.95%	97.39%	91.24%	BT11_1_clean.fq.gz	46e6cc3eee853a12ad0656e61653e3f3	BT11_2_clean.fq.gz	5e5b90e5b2db181d2f8e8335dcecfc62	CRX764395	SAMC2992108

Supplementary Table 2 (Continued):

CATCM073	36074570	34323804	95.15%	3607457000(3.61G)	3431523516(3.43G)	95.12%	40.28%	97.34%	91.12%	BT12_1_clean.fq.gz	b57198a5076a14715a150a1052b9dc5d	BT12_2_clean.fq.gz	0ae3cc644f06e53c99d5241a578ac711	CRX764396	SAMC2992109
CATCM074	33336448	31790580	95.36%	3333644800(3.33G)	3178649428(3.18G)	95.35%	40.61%	97.42%	91.28%	BT13_1_clean.fq.gz	2f77a759299615a1a7687b89a865ceea	BT13_2_clean.fq.gz	c32856062596b62507de7c09e17a4a9e	CRX764397	SAMC2992110
CATCM075	32230364	30671872	95.16%	3223036400(3.22G)	3066277346(3.07G)	95.14%	40.02%	97.45%	91.41%	BT14_1_clean.fq.gz	f08f5bd729fd10ca4d8e6ce50ff916f1	BT14_2_clean.fq.gz	0d86fe808156b0aebecaa6b091965153	CRX764398	SAMC2992111
CATCM076	31065542	29530130	95.06%	3106554200(3.11G)	2952583426(2.95G)	95.04%	39.29%	97.42%	91.39%	BT16_1_clean.fq.gz	60dd8fc25d0e5b1e5b236d7f6fb40e24	BT16_2_clean.fq.gz	0e10fb64cb02b8284a8df907d5a49001	CRX764399	SAMC2992112
CATCM077	38001676	36138780	95.10%	3800167600(3.80G)	3613178624(3.61G)	95.08%	39.77%	97.36%	90.98%	BT17_1_clean.fq.gz	875dabe9f882723e6f30946d0af28570	BT17_2_clean.fq.gz	aed1b63504a6da7a8763e1640a5db4ce	CRX764400	SAMC2992113
CATCM078	32337524	30827310	95.33%	3233752400(3.23G)	3082134676(3.08G)	95.31%	39.99%	97.48%	91.48%	BT19_1_clean.fq.gz	9f7c879c055ecb78e80c81ac612cffe3	BT19_2_clean.fq.gz	bad28db1c6d88062a0b1da7e41c570d8	CRX764401	SAMC2992114
CATCM079	33762320	32273564	95.59%	3376232000(3.38G)	3226546874(3.23G)	95.57%	40.27%	97.58%	91.75%	BT20_1_clean.fq.gz	5d6af2cecb7bd8686c06fde09bc131a5	BT20_2_clean.fq.gz	8a3ea5963f8d95152e25e34071d12b06	CRX764402	SAMC2992115
CATCM080	36093412	34318186	95.08%	3609341200(3.61G)	3431008470(3.43G)	95.06%	39.72%	97.47%	91.55%	BT21_1_clean.fq.gz	ad5716bc79b9b36b104e97d0ce113cbd	BT21_2_clean.fq.gz	d20c5fe81fded2793099c34a48753077	CRX764403	SAMC2992116
CATCM081	38388036	36802486	95.87%	3838803600(3.84G)	3679816962(3.68G)	95.86%	39.37%	97.61%	91.79%	BT22_1_clean.fq.gz	deacd20efb53c75092efb1efca076ccd	BT22_2_clean.fq.gz	966511a2ea93b6c9f8049b41014ae438	CRX764404	SAMC2992117
CATCM082	36573134	34930138	95.51%	3657313400(3.66G)	3492303670(3.49G)	95.49%	40.59%	97.45%	91.25%	BT23_1_clean.fq.gz	1ef14b17de25f5d609e1808fdef8b7cb	BT23_2_clean.fq.gz	c4aeb515b7a19c9025527df108b57277	CRX764405	SAMC2992118
CATCM083	29265916	28588012	97.68%	3658239500(3.66G)	3570713796(3.57G)	97.61%	40.88%	95.17%	90.84%	BT24_1_clean.fq.gz	18135f3c08a04aad5c8085c74cf67f6c	BT24_2_clean.fq.gz	0b6cd65d08a29c89b963f33cb87f7896	CRX764406	SAMC2992119
CATCM084	32207208	31451952	97.66%	4025901000(4.03G)	3928602790(3.93G)	97.58%	39.85%	95.60%	91.62%	BT26_1_clean.fq.gz	7efec64707f59ab6bc8b814b90c36d4a	BT26_2_clean.fq.gz	eaf4be15874a345d2618b0f389150633	CRX764407	SAMC2992120

Supplementary Table 2 (Continued):

CATCM085	36715966	34915788	95.10%	3671596600(3.67G)	3490777482(3.49G)	95.08%	40.19%	97.44%	91.34%	BT27_1_clean.fq.gz	052405b74b47408efd39812ea7e0192d	BT27_2_clean.fq.gz	473fe90e1376b8605e56610afe1db46d	CRX764408	SAMC2992121
CATCM086	30095722	29107432	96.72%	3761965250(3.76G)	3635131754(3.64G)	96.63%	41.37%	95.37%	91.19%	BT28_1_clean.fq.gz	0498ef1be6f6b5c6408a0335d0963fa1	BT28_2_clean.fq.gz	c971dbfbaf2b65a6570080215e312cad	CRX764409	SAMC2992122
CATCM087	40114004	38175374	95.17%	4011400400(4.01G)	3816685948(3.82G)	95.15%	40.53%	97.33%	91.10%	BT30_1_clean.fq.gz	badced810bef3ab0a89d972b98f684ba	BT30_2_clean.fq.gz	d138944d26da95b248310e38ce82ce92	CRX764410	SAMC2992123
CATCM088	33907572	33163784	97.81%	4238446500(4.24G)	4143267428(4.14G)	97.75%	39.74%	95.51%	91.46%	BT31_1_clean.fq.gz	69a5c0294ee55e3dcc4d21b5e4aa46e5	BT31_2_clean.fq.gz	5937ba09280e0cb32c90f83a130742bb	CRX764411	SAMC2992124
CATCM089	37467686	36773776	98.15%	4683460750(4.68G)	4593518200(4.59G)	98.08%	40.50%	95.76%	91.87%	BT32_1_clean.fq.gz	6edf17a704b2e39e0f48c5a77906615d	BT32_2_clean.fq.gz	fbdd5dca9a1e71110a1dca31540c3afb	CRX764412	SAMC2992125
CATCM090	32979190	31408366	95.24%	3297919000(3.30G)	3140173856(3.14G)	95.22%	39.10%	97.40%	91.36%	BT33_1_clean.fq.gz	75288d4ef7b75346ff5cd9a03d4e78c3	BT33_2_clean.fq.gz	873a661a0eabd1c3d58b1ad6ec36fc23	CRX764413	SAMC2992126
CATCM091	34309934	32724464	95.38%	3430993400(3.43G)	3271678280(3.27G)	95.36%	39.60%	97.42%	91.37%	BT35_1_clean.fq.gz	09a56044a2e1189fdbd8643ba2ce29d8	BT35_2_clean.fq.gz	a5392be916fd0dd357fc464e27739821	CRX764414	SAMC2992127
CATCM092	33627308	31989194	95.13%	3362730800(3.36G)	3198147046(3.20G)	95.11%	39.96%	97.38%	91.28%	BT36_1_clean.fq.gz	aa39e5a0702e06c5968607d8359ee914	BT36_2_clean.fq.gz	3a21d9b4a21c6481996a64da770ab28e	CRX764415	SAMC2992128
CATCM093	36839408	36444920	98.93%	4604926000(4.60G)	4553033418(4.55G)	98.87%	39.72%	96.14%	92.54%	BT37_1_clean.fq.gz	90e305b9698be69b70c4cdbaa409d790	BT37_2_clean.fq.gz	fda6ee42263d24d968ce6204635c49fe	CRX764416	SAMC2992129
CATCM094	33282992	32912946	98.89%	4160374000(4.16G)	4111673816(4.11G)	98.83%	40.14%	96.23%	92.72%	BT38_1_clean.fq.gz	f37d26dc2a7671bd3739d5d7c2c5f9f2	BT38_2_clean.fq.gz	d489290674046e1e66bfa19a00b19ee7	CRX764417	SAMC2992130
CATCM095	34481320	34072550	98.81%	4310165000(4.31G)	4256185194(4.26G)	98.75%	41.64%	96.12%	92.48%	BT39_1_clean.fq.gz	c24ce11bb7e6be0c3124aba523ce2a2e	BT39_2_clean.fq.gz	beed5ca0ab6a67dd30abd69466f88e6b	CRX764418	SAMC2992131
CATCM096	36322302	34838080	95.91%	3632230200(3.63G)	3483082882(3.48G)	95.89%	39.20%	97.66%	91.97%	BT41_1_clean.fq.gz	897f46197fefd825b74a158e6fa3e18f	BT41_2_clean.fq.gz	70bbde7afa816706f8ec718ed7aefcbf	CRX764419	SAMC2992132

Supplementary Table 2 (Continued):

CATCM097	36160874	34131736	94.39%	3616087400(3.62G)	3412413622(3.41G)	94.37%	40.11%	97.30%	91.06%	BT42_1_clean.fq.gz	294961ccdc77223e605767c9173c40be	BT42_2_clean.fq.gz	794913272ff72758e78d7f553b4f341f	CRX764420	SAMC2992133
CATCM098	35492252	33446294	94.24%	3549225200(3.55G)	3343986922(3.34G)	94.22%	39.97%	97.26%	91.00%	BT43_1_clean.fq.gz	3eb6960b5a821f4e0842cb250f2f4fbc	BT43_2_clean.fq.gz	23266f43c109191c6eac0aede79590bd	CRX764421	SAMC2992134
CATCM099	38127006	37625398	98.68%	4765875750(4.77G)	4699995120(4.70G)	98.62%	39.85%	96.01%	92.33%	BT44_1_clean.fq.gz	676bab4951d9c81ceaaf74516f5402f5	BT44_2_clean.fq.gz	7d76e0b424162f088796229b8754d12b	CRX764422	SAMC2992135
CATCM100	40209326	39578314	98.43%	5026165750(5.03G)	4942349870(4.94G)	98.33%	41.57%	96.28%	92.78%	BT45_1_clean.fq.gz	1e2711af147efb4360cdeb84f3603de4	BT45_2_clean.fq.gz	cce620bd82ba1266f8d670598dadac75	CRX764423	SAMC2992136
CATCM101	38251560	36162160	94.54%	3825156000(3.83G)	3615370280(3.62G)	94.52%	40.60%	97.18%	90.78%	BT46_1_clean.fq.gz	ebee62aece91dc88204bef4569f77a4b	BT46_2_clean.fq.gz	6f4c5fae515da95db68090c50b2a1d3f	CRX764424	SAMC2992137
CATCM102	33822584	33442962	98.88%	4227823000(4.23G)	4178173192(4.18G)	98.83%	38.41%	96.53%	93.30%	BT47_1_clean.fq.gz	de7fe8f8bce3ea5ac7b6e584e243c607	BT47_2_clean.fq.gz	282418538cdebc311c089b59568fe7f0	CRX764425	SAMC2992138
CATCM103	36243226	34335372	94.74%	3624322600(3.62G)	3432966644(3.43G)	94.72%	40.48%	97.21%	90.83%	BT48_1_clean.fq.gz	731b87d05ef3b610376fb7a53ecfe13f	BT48_2_clean.fq.gz	1b79dcd67009c032af4547f206a0ccd6	CRX764426	SAMC2992139
CATCM104	33340600	32855524	98.55%	4167575000(4.17G)	4103532250(4.10G)	98.46%	40.27%	95.70%	91.70%	BT49-2_1_clean.fq.gz	82917bcd29cf55d9817c5fe380f3f960	BT49-2_2_clean.fq.gz	63c64005afffe33d44cd271be205fb9b	CRX764427	SAMC2992140
CATCM105	38902500	38235002	98.28%	4862812500(4.86G)	4775809248(4.78G)	98.21%	39.58%	95.82%	92.00%	BT50-2_1_clean.fq.gz	dba5332cd3b15fab4f63a97d5753c4ec	BT50-2_2_clean.fq.gz	e56f461c3ddc9448be9c710967705ffd	CRX764428	SAMC2992141
CATCM106	35500014	33596348	94.64%	3550001400(3.55G)	3359021954(3.36G)	94.62%	40.13%	97.19%	90.83%	BT51_1_clean.fq.gz	10600b86c252799e7bdab4890adea7fb	BT51_2_clean.fq.gz	08d71576f172a315ca1c7a71129689af	CRX764429	SAMC2992142
CATCM107	30507482	30201858	99.00%	3813435250(3.81G)	3773487964(3.77G)	98.95%	38.93%	96.36%	92.87%	W1_1_clean.fq.gz	dd1f5bafb3326309d3939b917c1f75a5	W1_2_clean.fq.gz	df1f942925df550470215f3dfa568965	CRX764430	SAMC2992143
CATCM108	30633476	30351258	99.08%	3829184500(3.83G)	3792521708(3.79G)	99.04%	39.01%	96.32%	92.80%	W2_1_clean.fq.gz	fa9563f92342e39169446b72b29400b6	W2_2_clean.fq.gz	c1c31df9e4f66a48ab1313f8d180755b	CRX764431	SAMC2992144

Supplementary Table 2 (Continued):

CATCM109	30554684	30147036	98.67%	3819335500(3.82G)	3765362410(3.77G)	98.59%	40.01%	96.26%	92.69%	W3_1_clean.fq.gz	25b70e3ad604bd199880213604d48d96	W3_2_clean.fq.gz	8672bca45caa89a9816838d037760579	CRX764432	SAMC2992145
CATCM110	33098956	32692666	98.77%	4137369500(4.14G)	4084616868(4.08G)	98.72%	40.06%	95.91%	92.06%	W4_1_clean.fq.gz	0ba6a884ee60d53dfbc658ceedd69c93	W4_2_clean.fq.gz	b9fc0c774e018661ea453f3327db07a7	CRX764433	SAMC2992146
CATCM111	33820872	33396628	98.75%	4227609000(4.23G)	4171766900(4.17G)	98.68%	40.26%	96.37%	92.87%	W5_1_clean.fq.gz	e62fe2fdc0810d4c3624e54485c1a4d8	W5_2_clean.fq.gz	4dde60e9fd45bd6bbe7e600f63f8a718	CRX764434	SAMC2992147
CATCM112	32064610	31647152	98.70%	4008076250(4.01G)	3953236114(3.95G)	98.63%	40.75%	96.26%	92.67%	W6_1_clean.fq.gz	be22ea2a83ed796c2732c69accc31475	W6_2_clean.fq.gz	a9b3e5e7c3273642983e0bc5d7d30d3b	CRX764435	SAMC2992148
CATCM113	29596592	29221366	98.73%	3699574000(3.70G)	3649994102(3.65G)	98.66%	40.66%	96.15%	92.47%	W7_1_clean.fq.gz	4355313bee1aa9fcfeffc1fa3b97cd58	W7_2_clean.fq.gz	587ee95a0feb7ace89aa9890384f0dff	CRX764436	SAMC2992149
CATCM114	29606386	29295578	98.95%	3700798250(3.70G)	3660791380(3.66G)	98.92%	39.64%	96.09%	92.39%	W9_1_clean.fq.gz	9dfa88937acde9e9453466a4dd18d714	W9_2_clean.fq.gz	646fb484426577e06b1ef202e4b53bbd	CRX764437	SAMC2992150
CATCM115	29011238	28,628,770	98.68%	3626404750(3.63G)	3576895458(3.58G)	98.63%	41.20%	95.75%	91.74%	W10_1_clean.fq.gz	8c104979e6f19e69f0191e4572ba014d	W10_2_clean.fq.gz	2ede153a2b955fea03d0bac06e1fe967	CRX764438	SAMC2992151
CATCM116	29873524	29,441,090	98.55%	3734190500(3.73G)	3678551332(3.68G)	98.51%	40.03%	95.49%	91.26%	W11_1_clean.fq.gz	0ef4f2fd1245b145143f31cb46575563	W11_2_clean.fq.gz	992e242dd6bdec44c18348dc1590af67	CRX764439	SAMC2992152
CATCM117	30314904	29930476	98.73%	3789363000(3.79G)	3739585868(3.74G)	98.69%	40.31%	95.86%	91.96%	W13_1_clean.fq.gz	eb38f624d0abb856fc254ae84bba3226	W13_2_clean.fq.gz	c1797c32b6772af7853340d7954c514a	CRX764440	SAMC2992153
CATCM118	28680006	28274248	98.59%	3585000750(3.59G)	3530271272(3.53G)	98.47%	41.01%	95.74%	91.75%	W14_1_clean.fq.gz	3d8dfd89a32acda8d4414a5e49045e96	W14_2_clean.fq.gz	796f0724f3368bb3f098b3d4dd716b56	CRX764441	SAMC2992154
CATCM119	30595708	30218162	98.77%	3824463500(3.82G)	3775885790(3.78G)	98.73%	40.81%	95.75%	91.77%	W15_1_clean.fq.gz	887263ca0a28a20eaef4888f048b001a	W15_2_clean.fq.gz	e7edc974b69d3634bf44d20858d57fe1	CRX764442	SAMC2992155