

Supplementary Table 2. kSNP assembly statistics.

	read1.gz	read2.gz	ave alignment depth	alignment coverage	N50	E-size	max	percent reads kraken identified as pasteur*	contigs =>300 bases	total bases used in kSNP
<b>BTYP1</b>	102M	112M	96.1249X	92.12%	31920	40116	107957	93.7785	152	2,186,025
<b>BTYP10002</b>	153M	170M	153.982X	94.50%	43196	64150	191607	94.6808	109	2,251,130
<b>BTYP10017</b>	38M	45M	43.0929X	92.50%	100516	105885	224826	97.2644	43	2,196,699
<b>BTYP10023</b>	141M	157M	110.608X	85.92%	23210	31435	98148	82.5562	224	2,169,502
<b>BTYP10024</b>	154M	166M	120.016X	92.02%	59825	71212	173757	79.0908	101	2,347,810
<b>BTYP10025</b>	46M	55M	40.2656X	92.55%	72561	98350	290925	85.8133	109	2,422,891
<b>BTYP10026</b>	49M	56M	50.8496X	91.87%	85979	91053	214372	95.0858	69	2,362,703
<b>BTYP10027</b>	56M	64M	54.7131X	92.00%	107615	107032	197967	91.5675	75	2,363,219
<b>BTYP10033</b>	140M	149M	141.651X	94.50%	78099	82833	167453	94.439	85	2,267,237
<b>BTYP10042</b>	41M	49M	44.6207X	93.35%	89389	104297	199424	94.7373	56	2,198,480
<b>BTYP10045</b>	69M	80M	79.0364X	92.42%	111737	130474	242152	97.4715	41	2,203,644
<b>BTYP10046</b>	104M	115M	104.702X	92.79%	56607	76726	202884	96.1423	83	2,254,424
<b>BTYP10049</b>	142M	166M	136.948X	91.30%	61580	63387	176937	92.3022	113	2,168,848
<b>BTYP10050</b>	50M	57M	60.1239X	99.68%	98156	112247	209451	95.7688	61	2,287,848
<b>BTYP10053</b>	81M	96M	93.8806X	94.56%	74768	80087	179226	96.1939	71	2,213,866
<b>BTYP10055</b>	152M	175M	148.526X	90.86%	32753	62656	252956	93.9311	132	2,166,541
<b>BTYP10065</b>	87M	95M	43.167X	92.37%	97764	134361	384212	43.6798	52	2,244,511
<b>BTYP10066</b>	183M	201M	131.26X	91.75%	34439	41673	116374	80.4714	138	2,215,090
<b>BTYP10067</b>	84M	97M	89.7066X	91.98%	104776	130235	296781	96.3097	70	2,325,841
<b>BTYP10081</b>	206M	233M	162.889X	91.64%	22757	27530	82664	86.2154	207	2,198,060
<b>BTYP10086</b>	167M	186M	154.877X	94.50%	48824	60059	157434	90.2635	116	2,252,231
<b>BTYP10088</b>	218M	238M	202.434X	93.79%	42111	45498	86418	92.4606	122	2,204,947
<b>BTYP10091</b>	111M	119M	88.9055X	92.86%	10245	12812	51837	90.9734	392	2,144,627
<b>BTYP10097</b>	102M	110M	82.8307X	91.46%	11007	14527	49567	94.1835	364	2,158,433

	read1.gz	read2.gz	ave alignment depth	alignment coverage	N50	E-size	max	percent reads kraken identified as pasteur*	contigs =>300 bases	total bases used in kSNP
<b>BTYP10098</b>	146M	164M	106.775X	91.68%	55996	57793	131573	76.3706	105	2,219,163
<b>BTYP10100</b>	88M	92M	75.3482X	98.98%	14738	17590	59356	94.4995	306	2,194,923
<b>BTYP10110</b>	125M	135M	105.299X	92.53%	20377	23276	68476	97.4746	223	2,208,095
<b>BTYP10138</b>	94M	97M	78.5653X	93.59%	9348	11153	39673	94.6274	397	2,139,467
<b>BTYP10139</b>	109M	117M	89.9255X	93.77%	7833	11420	52943	94.4772	460	2,127,009
<b>BTYP10142</b>	107M	117M	87.7025X	93.73%	7724	9508	37211	93.5132	463	2,123,857
<b>BTYP10151</b>	135M	143M	112.941X	93.88%	11191	14365	61587	95.8376	359	2,158,225
<b>BTYP10165</b>	110M	116M	89.7212X	91.51%	9015	11072	47580	92.7707	467	2,095,938
<b>BTYP10166</b>	106M	112M	87.1416X	93.71%	9143	10937	33808	92.8135	429	2,120,420
<b>BTYP10169</b>	86M	89M	72.5285X	93.73%	14869	20227	81831	94.6659	297	2,158,199
<b>BTYP3-1</b>	135M	150M	131.881X	92.15%	38972	55148	192439	94.1049	113	2,192,213
<b>BTYP3-2</b>	167M	177M	160.862X	92.06%	47417	54942	141529	94.0015	114	2,194,764
<b>BTYP3-3</b>	121M	135M	117.869X	92.07%	29954	45291	110722	93.9803	145	2,188,181
<b>BTYP4</b>	111M	115M	106.16X	92.07%	49942	50008	108763	94.1102	110	2,200,322
<b>BTYP5</b>	117M	132M	113.121X	92.01%	30058	48361	197294	94.3887	137	2,191,590
<b>BTYP5505</b>	106M	115M	87.5311X	94.27%	15033	20470	83236	94.2858	256	2,177,494
<b>BTYP5618</b>	111M	120M	96.2935X	94.45%	17690	23944	79688	96.0334	234	2,180,103
<b>BTYP5736</b>	99M	106M	78.9535X	91.28%	15015	21188	63896	92.5357	271	2,199,932
<b>BTYP5780</b>	100M	109M	78.4123X	99.16%	14045	16245	53752	84.9076	313	2,230,923
<b>BTYP5864</b>	87M	91M	69.7886X	94.18%	26223	32408	85767	90.5362	181	2,202,788
<b>BTYP6</b>	135M	156M	131.503X	92.27%	45621	51635	108717	93.9526	128	2,196,718
<b>BTYP6052</b>	103M	111M	89.5052X	94.30%	34871	38961	108205	95.5793	146	2,200,237
<b>BTYP6053</b>	137M	147M	117.112X	94.66%	21198	28807	117254	94.541	213	2,200,906
<b>BTYP6054</b>	113M	121M	98.2781X	94.37%	12338	16646	59919	96.3165	307	2,162,104
<b>BTYP6055</b>	121M	132M	101.699X	94.68%	11373	14217	60428	94.7861	343	2,174,659

	read1.gz	read2.gz	ave alignment depth	alignment coverage	N50	E-size	max	percent reads kraken identified as pasteur*	contigs =>300 bases	total bases used in kSNP
<b>BTYP6099</b>	142M	153M	112.11X	91.36%	15014	20058	78976	92.4031	291	2,190,674
<b>BTYP6110</b>	142M	151M	115.884X	92.52%	14149	21170	97037	95.1663	297	2,197,712
<b>BTYP6114</b>	121M	131M	84.9223X	94.06%	14077	18022	65773	85.3686	280	2,164,243
<b>BTYP6514</b>	143M	149M	121.387X	94.01%	25642	35264	91534	96.4023	183	2,207,449
<b>BTYP6630</b>	88M	95M	74.9228X	94.04%	25743	33103	95384	96.1385	198	2,195,865
<b>BTYP6756</b>	88M	91M	74.4264X	93.87%	11525	14749	47743	96.2642	348	2,163,139
<b>BTYP6757</b>	99M	105M	83.6491X	94.06%	9808	12955	58025	96.0806	396	2,155,996
<b>BTYP6827</b>	114M	125M	80.5255X	91.54%	9444	13283	63845	81.6554	419	2,109,136
<b>BTYP6846</b>	114M	123M	91.8703X	92.09%	9833	12335	45022	91.4711	406	2,124,901
<b>BTYP7</b>	132M	139M	126.863X	92.00%	40021	51494	128699	93.9019	122	2,192,022
<b>BTYP8963</b>	268M	294M	222.372X	91.39%	98638	107195	238111	92.5429	86	2,203,980
<b>BTYP9063</b>	279M	326M	232.311X	90.76%	88442	90386	201473	94.1749	80	2,174,096
<b>BTYP9076</b>	250M	291M	205.952X	91.78%	79037	81113	173488	94.3605	87	2,169,101
<b>BTYP9086</b>	246M	284M	192.775X	93.61%	65829	75771	164434	89.4462	92	2,329,247
<b>BTYP9102</b>	273M	329M	235.897X	92.63%	86346	111821	205539	96.4366	54	2,203,996
<b>BTYP9185</b>	81M	73M	63.2447X	91.72%	65671	97307	310385	93.3806	92	2,204,045
<b>BTYP9193</b>	252M	264M	199.613X	90.57%	104829	103841	201621	87.6228	69	2,168,331
<b>BTYP9198</b>	218M	244M	196.403X	92.49%	155112	153477	335323	97.3116	45	2,193,742
<b>BTYP9224</b>	262M	283M	215.398X	91.60%	149212	132577	203936	91.3507	42	2,213,086
<b>BTYP9237</b>	166M	152M	124.453X	91.50%	93976	88807	180107	88.3013	54	2,252,230
<b>BTYP9242</b>	291M	300M	246.907X	92.03%	119823	137053	292336	97.468	46	2,209,847
<b>BTYP9367</b>	258M	313M	218.691X	90.91%	78521	115996	310735	94.1596	63	2,175,870
<b>BTYP9455</b>	130M	140M	128.787X	92.69%	46228	57529	172947	97.7887	118	2,255,063
<b>BTYP9457</b>	117M	129M	116.225X	92.71%	43026	53209	106252	97.5436	117	2,237,763
<b>BTYP9458</b>	165M	179M	164.003X	92.66%	34639	50329	142720	97.8138	118	2,235,005

	read1.gz	read2.gz	ave alignment depth	alignment coverage	N50	E-size	max	percent reads kraken identified as pasteur*	contigs =>300 bases	total bases used in kSNP
<b>BTYP9460</b>	240M	277M	205.523X	91.75%	74053	98911	258820	94.2245	71	2,261,032
<b>BTYP9464</b>	210M	234M	184.17X	91.79%	85082	86696	197375	95.5371	61	2,223,239
<b>BTYP9486</b>	273M	321M	221.252X	91.12%	65682	106573	310134	92.9351	94	2,199,022
<b>BTYP9488</b>	239M	270M	201.77X	91.25%	75156	75748	148619	93.7977	88	2,170,724
<b>BTYP9491</b>	253M	280M	212.495X	92.48%	72029	78021	173434	92.2809	104	2,216,396
<b>BTYP9523</b>	256M	295M	212.88X	90.52%	65730	82581	201611	91.2333	85	2,176,620
<b>BTYP9574</b>	286M	330M	231.694X	90.71%	60757	82301	201585	90.2203	89	2,180,689
<b>BTYP9577</b>	216M	248M	177.469X	91.81%	52321	91219	315356	92.7636	89	2,250,223
<b>BTYP9578</b>	215M	246M	188.788X	92.24%	72266	73732	147472	93.1053	94	2,199,835
<b>BTYP9599</b>	221M	239M	194.979X	90.72%	67398	82216	184060	94.847	75	2,173,325
<b>BTYP9603</b>	188M	213M	167.489X	91.13%	65691	106622	316168	94.9237	79	2,236,358
<b>BTYP9605</b>	345M	361M	276.096X	91.02%	87910	122643	334224	91.377	66	2,246,760
<b>BTYP9612</b>	175M	184M	148.436X	91.31%	60144	62098	162843	93.1336	106	2,185,069
<b>BTYP9613</b>	237M	259M	205.798X	92.29%	58630	68464	173410	92.214	110	2,222,104
<b>BTYP9621</b>	208M	226M	177.275X	91.17%	69551	96381	229931	92.9129	77	2,250,054
<b>BTYP9632</b>	205M	226M	176.243X	91.17%	56442	71778	184018	92.7809	84	2,186,369
<b>BTYP9670</b>	186M	202M	160.131X	91.98%	87393	93483	202889	97.0515	52	2,215,495
<b>BTYP9672</b>	142M	164M	134.021X	90.35%	26402	32479	95408	93.5851	175	2,130,690
<b>BTYP9673</b>	62M	74M	46.5063X	90.39%	51962	68422	194816	77.2408	72	2,162,521
<b>BTYP9674</b>	138M	145M	128.093X	90.34%	34949	44524	108521	90.7032	124	2,140,078
<b>BTYP9675</b>	131M	141M	137.264X	99.67%	56625	66181	191934	95.4926	113	2,267,741
<b>BTYP9678</b>	231M	247M	191.59X	91.22%	113660	104188	190071	93.4682	68	2,194,950
<b>BTYP9711</b>	130M	141M	133.281X	94.50%	56206	53900	124349	96.4123	92	2,206,285
<b>BTYP9714</b>	125M	130M	126.71X	94.44%	55565	62550	140651	96.2059	81	2,211,295
<b>BTYP9717</b>	40M	45M	44.3002X	94.44%	79773	96157	174735	96.0808	46	2,231,877

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<b>BTYP9718</b>	136M	161M	137.59X	94.47%	28596	31855	95412	95.759	171	2,189,936
<b>BTYP9719</b>	136M	151M	135.83X	94.49%	29851	32196	81834	95.4413	167	2,191,225
<b>BTYP9720</b>	139M	155M	139.466X	94.53%	28027	35921	111813	95.8053	154	2,196,888
<b>BTYP9721</b>	148M	171M	143.84X	94.45%	18694	25145	85901	95.7414	207	2,185,085
<b>BTYP9731</b>	108M	106M	85.6945X	91.92%	75987	71749	147379	93.337	99	2,172,546
<b>BTYP9778</b>	219M	260M	196.173X	92.39%	69138	80523	196842	94.7367	71	2,204,781
<b>BTYP9803</b>	195M	213M	154.082X	91.40%	78572	74837	134109	92.9769	77	2,244,515
<b>BTYP9813</b>	130M	141M	134.765X	99.70%	31661	36785	91425	95.2571	151	2,252,514
<b>BTYP9814</b>	108M	117M	112.673X	99.67%	35647	44458	108857	95.7094	152	2,250,549
<b>BTYP9818</b>	177M	202M	152.426X	90.26%	60330	73748	201496	89.7441	82	2,152,056
<b>BTYP9821</b>	119M	130M	114.186X	92.00%	49829	67415	186284	91.0836	110	2,183,170
<b>BTYP9827</b>	115M	125M	109.289X	90.94%	25282	29997	86842	92.1167	177	2,153,848
<b>BTYP9832</b>	217M	260M	189.26X	91.35%	65766	89639	229766	94.6281	78	2,234,680
<b>BTYP9833</b>	223M	259M	196.906X	89.75%	64225	92387	309343	93.8889	84	2,138,865
<b>BTYP9840</b>	192M	203M	172.132X	93.57%	60677	83446	203263	97.3902	80	2,199,682
<b>BTYP9846</b>	28M	33M	31.0393X	93.36%	108736	113021	243225	98.2644	53	2,241,742
<b>BTYP9847</b>	122M	129M	112.59X	90.80%	17112	20029	61879	90.3793	258	2,128,095
<b>BTYP9866</b>	50M	58M	52.8947X	89.74%	127462	118412	267147	93.6064	54	2,187,703
<b>BTYP9871</b>	148M	159M	146.261X	92.44%	22125	28297	77193	96.5919	170	2,150,816
<b>BTYP9875</b>	149M	161M	145.268X	90.93%	24955	29448	87479	96.1643	180	2,144,619
<b>BTYP9889</b>	122M	135M	120.324X	93.47%	18939	25204	98987	96.7166	218	2,167,945
<b>BTYP9890</b>	149M	175M	147.742X	93.44%	18410	20801	60576	96.5815	229	2,170,372
<b>BTYP9895</b>	135M	151M	137.143X	93.45%	20226	27665	83824	96.7258	183	2,172,214
<b>BTYP9902</b>	125M	143M	127.701X	93.43%	38039	44069	108734	97.258	127	2,185,404
<b>BTYP9903</b>	32M	38M	33.867X	91.49%	175391	252313	616491	99.3708	27	2,341,338

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<b>BTYP9904</b>	164M	178M	164.41X	90.98%	40469	41974	87202	96.8608	123	2,159,188
<b>BTYP9911</b>	148M	163M	138.024X	92.28%	56358	61045	110432	89.8465	100	2,199,294
<b>BTYP9917</b>	183M	204M	184.398X	92.44%	102313	146059	397712	99.8647	45	2,243,554
<b>BTYP9941</b>	31M	38M	32.6295X	92.77%	79909	95074	225906	93.8187	57	2,192,054
<b>BTYP9952</b>	195M	215M	186.981X	93.42%	61094	75463	199528	97.2154	77	2,203,366
<b>BTYP9953</b>	168M	195M	169.502X	93.43%	48962	60230	203255	97.2102	91	2,196,786
<b>BTYP9955</b>	214M	237M	187.748X	93.70%	50080	53902	126776	83.9061	99	2,224,551
<b>BTYP9956</b>	38M	44M	25.5756X	93.68%	76967	83417	164421	73.6696	62	2,225,970
<b>BTYP9958</b>	43M	49M	47.1967X	92.69%	165929	130872	207388	96.8062	38	2,215,676
<b>BTYP9959</b>	199M	222M	32.9682X	44.35%	1443	2371	14153	10.4832	559	507,927
<b>BTYP9972</b>	197M	212M	191.398X	91.77%	58979	75986	203855	97.1407	81	2,214,705
<b>BTYP9973</b>	139M	159M	112.581X	93.69%	49870	55111	126788	78.342	105	2,222,962
<b>BTYP9976</b>	132M	139M	136.002X	93.45%	64966	82850	199573	97.4585	74	2,201,453
<b>BTYP9978</b>	47M	55M	50.9777X	90.31%	104354	99236	218108	93.7446	59	2,169,707
<b>BTYP9981</b>	124M	140M	124.601X	93.10%	39382	51420	155321	93.2953	101	2,187,723
<b>BTYP9995</b>	179M	191M	186.284X	91.36%	74914	76354	139385	99.1823	66	2,176,566
<b>BTYPL3</b>	126M	137M	121.388X	92.11%	35049	43816	146548	93.478	151	2,187,262
<b>BTYPLiver1</b>	123M	141M	121.105X	92.16%	23310	30735	74290	95.8323	167	2,132,663
<b>BTYPLiver2</b>	114M	125M	113.954X	92.15%	35938	47358	112576	96.0597	121	2,144,120
<b>BTYPLiver3</b>	135M	143M	136.238X	92.24%	78043	80187	210625	96.071	70	2,154,239
<b>BTYPLiver4</b>	127M	136M	126.954X	92.12%	45148	51455	103827	96.1516	91	2,150,617
<b>BTYPLR1</b>	131M	146M	123.299X	92.12%	25002	30048	91384	93.644	186	2,176,314
<b>BTYPM-1404</b>	137M	150M	123.343X	91.35%	31812	51600	202834	87.5098	118	2,168,500
<b>BTYPMV3</b>	134M	140M	126.909X	92.00%	26500	31632	83376	93.2318	175	2,174,936
<b>BTYPMV4</b>	129M	144M	123.615X	92.02%	25487	32690	87569	93.4869	188	2,175,327

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<b>BTYPP-1059-3</b>	76M	66M	61.8186X	99.99%	56358	59933	131519	88.271	121	2,251,572
<b>BTYPP-1573</b>	117M	127M	111.748X	91.36%	32749	39566	107446	99.3404	139	2,304,228
<b>BTYPP-1581</b>	123M	134M	107.854X	90.12%	24943	26391	74038	84.8855	184	2,120,436
<b>BTYPP-1591</b>	136M	151M	90.619X	90.23%	18235	21089	63818	67.2266	238	2,095,676
<b>BTYPP-1662</b>	143M	158M	141.529X	93.69%	20515	25372	85740	95.5965	197	2,169,338
<b>BTYPP-1702</b>	118M	140M	100.717X	94.43%	16078	19635	56514	89.5663	248	2,179,895
<b>BTYPP-1997</b>	148M	157M	145.466X	91.14%	26115	34529	106787	96.5543	147	2,156,998
<b>BTYPP-2095</b>	102M	104M	89.3402X	93.38%	18600	26737	97147	87.8966	219	2,182,920
<b>BTYPP-2100</b>	122M	138M	113.963X	92.50%	33071	42238	119052	99.3646	156	2,388,462
<b>BTYPP-2192</b>	90M	97M	77.8634X	91.20%	19255	23073	80242	91.1344	226	2,145,356
<b>BTYPP-2225</b>	141M	156M	112.826X	92.38%	27679	34885	88278	81.7845	176	2,222,699
<b>BTYPP-2237</b>	138M	150M	130.836X	93.01%	23741	32575	88507	98.9784	206	2,303,371
<b>BTYPP-2723</b>	134M	153M	120.962X	93.65%	18339	26426	86933	90.8173	208	2,178,579
<b>BTYPP-903</b>	153M	163M	149.556X	92.86%	79539	76267	176061	99.3453	102	2,331,060
<b>BTYPP1059-1</b>	139M	152M	138.553X	99.97%	31985	36504	91536	91.5566	145	2,236,758
<b>BTYPP1059-2</b>	98M	107M	65.6635X	99.92%	18883	22277	59296	75.4169	262	2,209,401
<b>BTYPX-73</b>	214M	242M	149.284X	92.00%	79532	92078	202881	77.6239	55	2,222,837