

Qualimap Analysis Results

Multi-sample BAM QC analysis

Generated by Qualimap v.2.2

2021/07/13 09:04:27

1. Input data & parameters

1.1. Samples

BZV093cp	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/BZV093cp.outqualimap
LBV063p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/LBV063p.outqualimap
LBV031p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/LBV031p.outqualimap
LBV075p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/LBV075p.outqualimap
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LBV011p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/LBV011p.outqualimap
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LBV087p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/LBV087p.outqualimap
BZV158ap	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap

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LBV140p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV140p.outqualimap
LBV125p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV125p.outqualimap
LBV113p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV113p.outqualimap
DLA102p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA102p.outqualimap
DLA146p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA146p.outqualimap
LBV024p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV024p.outqualimap
DLA114p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA114p.outqualimap
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LBV004p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV004p.outqualimap
LBV137p	/data3/projects/plasmodium/anophele

	s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV137p.outqualimap
BZV158p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/BZV158p.outqualimap
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LBV085p	/data3/projects/plasmodium/anophele

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BZV108p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/BZV108p.outqualimap
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DLA100p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA100p.outqualimap
DLA144p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA144p.outqualimap
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LBV090p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV090p.outqualimap
LBV082p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV082p.outqualimap
LBV066p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV066p.outqualimap
LBV131p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV131p.outqualimap
LBV050p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim

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LBV086p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV086p.outqualimap
DLA105p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA105p.outqualimap
LBV136p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/LBV136p.outqualimap
DLA028p	/data3/projects/plasmodium/anophele s/fastqBamInfo/bamInfo/jesus_qualim ap/DLA028p.outqualimap
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DLA125p	/data3/projects/plasmodium/anophele

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DLA137p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/DLA137p.outqualimap
DLA076p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/DLA076p.outqualimap
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DLA133p	/data3/projects/plasmodium/anopheles/fastqBamInfo/bamInfo/jesus_qualimap/DLA133p.outqualimap

2. Summary

2.1. Globals

Number of samples	90
Total number of mapped reads	6 368 273 489
Mean samples coverage	33,98
Mean samples GC-content	46,49
Mean samples mapping quality	49,86
Mean samples insert size	308,76

2.2. Sample statistics

Sample name	Coverage mean	Coverage std	GC percentage	Mapping quality mean	Insert size median
BZV003p	33.4467	547.389	45.95	49.6665	462.0
BZV093ap	35.0603	469.7572	47.76	49.3694	377.0
BZV093bp	29.7338	604.0038	46.8	48.7636	318.0
BZV093cp	43.0917	625.6772	46.62	49.803	464.0
BZV108ap	32.7313	520.2839	44.88	49.2321	465.0
BZV108bp	31.773	376.9408	46.25	49.8853	443.0
BZV108p	31.773	376.9408	46.25	49.8853	443.0
BZV158ap	39.5179	353.8762	46.45	49.8499	414.0
BZV158bp	41.2631	651.3797	46.09	49.7356	447.0
BZV158cp	42.4518	580.7216	45.6	49.6856	415.0
BZV158p	42.4518	580.7216	45.6	49.6856	415.0
BZV163p	32.314	324.0837	48.09	49.6747	344.0

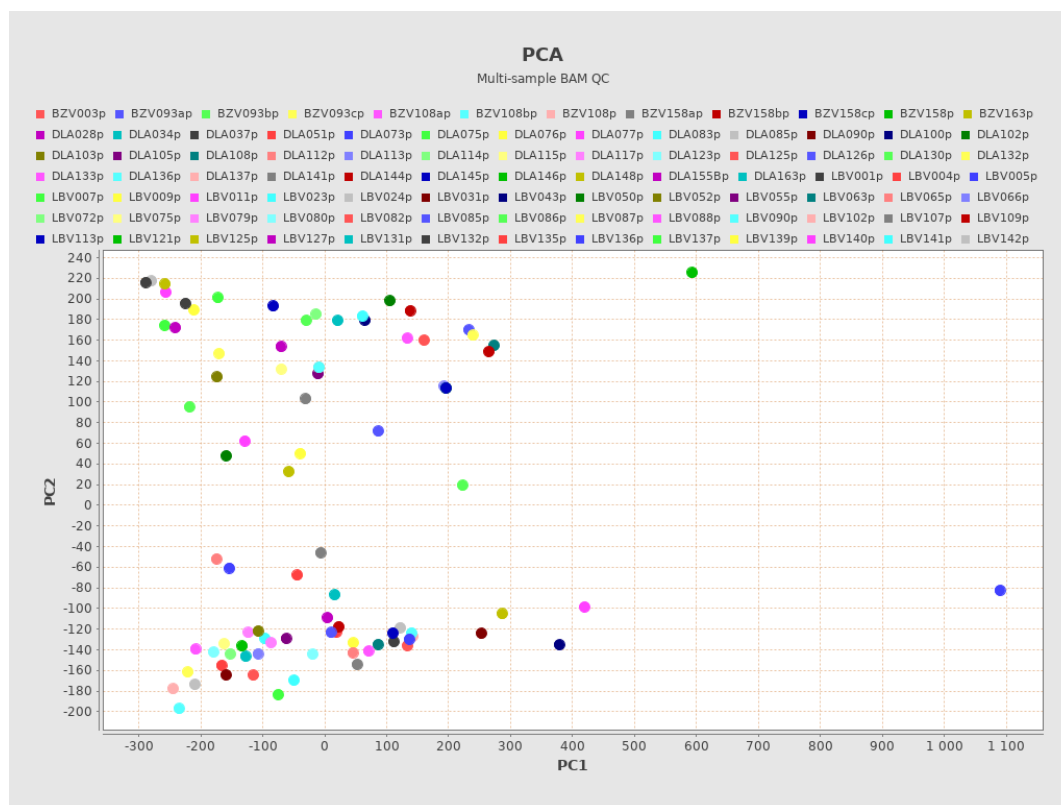
DLA028p	54.0731	379.9212	47.73	50.3972	201.0
DLA034p	44.1175	392.939	47.89	50.2734	222.0
DLA037p	8.6343	101.2804	45.35	49.5223	536.0
DLA051p	48.6671	332.9152	46.98	50.3979	244.0
DLA073p	51.1892	223.4421	46.7	50.4946	256.0
DLA075p	41.9509	297.7324	48.02	49.9139	129.0
DLA076p	8.8162	344.4579	44.65	49.2286	359.0
DLA077p	9.0523	255.2424	45.19	49.3712	375.0
DLA083p	33.5588	324.1598	47.64	49.8755	141.0
DLA085p	32.5815	164.036	47.91	50.3754	144.0
DLA090p	32.743	214.7073	46.8	50.1441	151.0
DLA100p	63.2302	752.4228	48.56	49.972	159.0
DLA102p	9.2638	224.6253	44.41	49.1791	362.0
DLA103p	52.1188	267.0798	45.36	50.2929	193.0
DLA105p	10.168	376.0825	45.74	49.2276	435.0
DLA108p	21.1815	660.7407	45.65	49.6282	451.0
DLA112p	40.6772	203.3666	45.85	50.49	265.0
DLA113p	54.3713	266.0458	47.83	50.2841	171.0
DLA114p	43.5389	222.2068	45.48	50.2916	172.0
DLA115p	17.9045	316.6006	46.21	49.2704	443.0
DLA117p	45.2677	288.1924	46.88	50.3135	180.0
DLA123p	47.1656	354.8293	47.89	50.1235	166.0
DLA125p	35.1688	258.5926	47.08	50.3042	149.0
DLA126p	36.9668	385.4177	47.55	50.2772	185.0

DLA130p	9.6743	166.9774	45.55	49.4038	412.0
DLA132p	10.8832	217.1663	45.78	49.4479	462.0
DLA133p	44.9584	444.7627	48.12	49.9315	165.0
DLA136p	25.0261	137.8165	48.69	49.9934	121.0
DLA137p	29.5522	128.8669	44.96	50.2241	141.0
DLA141p	44.6436	371.5017	45.72	50.5947	264.0
DLA144p	46.025	398.2125	45.34	50.0425	191.0
DLA145p	58.9639	484.6287	47.17	50.4013	182.0
DLA146p	33.0307	241.8165	50.45	50.1865	178.0
DLA148p	62.5202	661.5613	45.78	50.0887	193.0
DLA155Bp	9.4212	316.9889	45.27	49.3756	464.0
DLA163p	38.0644	246.4788	45.88	50.2135	168.0
LBV001p	9.8462	164.74	45.12	49.5582	513.0
LBV004p	37.5134	207.5464	48.2	49.7645	161.0
LBV005p	48.2379	511.1353	47.8	50.2244	174.0
LBV007p	10.7799	217.3074	46.21	49.5496	516.0
LBV009p	10.5523	177.7942	45.58	49.6071	506.0
LBV011p	50.3898	795.2902	44.43	50.2572	193.0
LBV023p	23.1375	449.0794	46.12	49.4682	489.0
LBV024p	50.8763	497.2567	45.89	50.333	186.0
LBV031p	42.7959	628.0455	46.56	50.097	174.0
LBV043p	24.0489	453.4	45.63	49.4373	485.0
LBV050p	24.9299	494.2945	45.71	49.2249	502.0
LBV052p	7.3041	212.966	45.37	49.6638	439.0

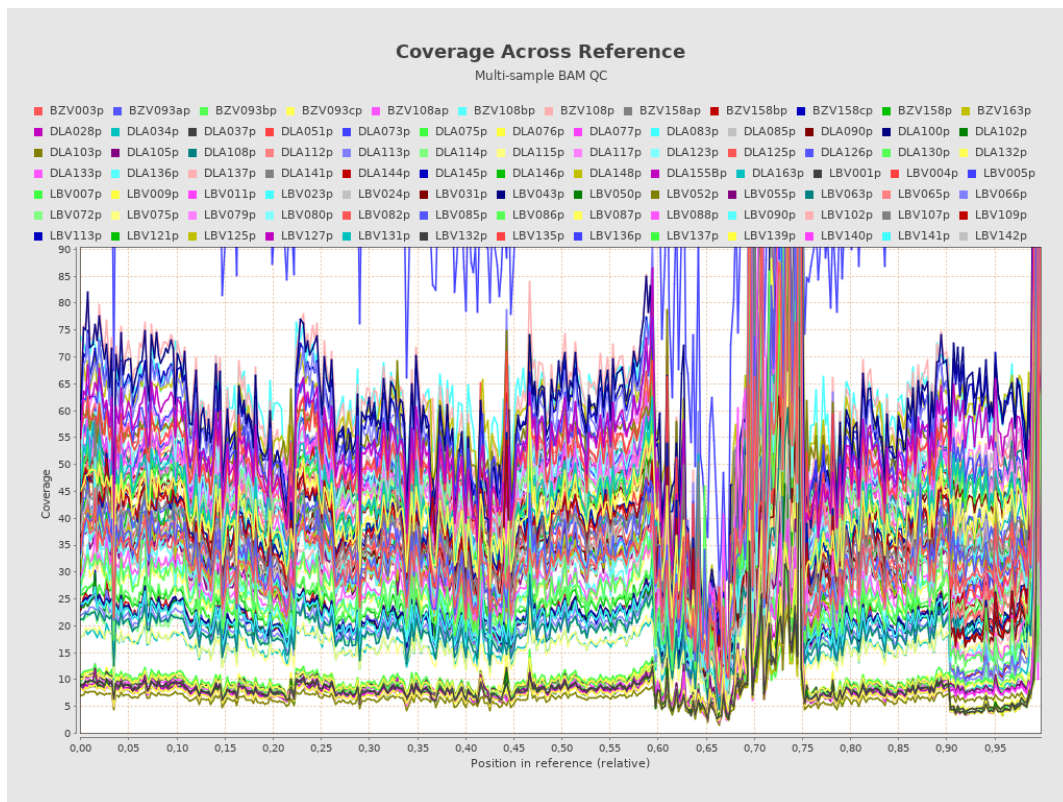
LBV055p	31.457	313.0134	48.49	49.9243	182.0
LBV063p	47.574	460.5382	46.28	50.5592	171.0
LBV065p	49.3743	419.455	46.34	50.3347	165.0
LBV066p	23.9963	578.7173	44.97	49.0403	415.0
LBV072p	21.3722	374.7851	45.09	49.3573	494.0
LBV075p	38.8063	212.6866	47.55	50.5223	182.0
LBV079p	51.6136	251.5717	47.3	50.4712	192.0
LBV080p	45.1765	194.6976	46.13	50.104	175.0
LBV082p	49.9148	507.8601	47.1	50.2353	168.0
LBV085p	24.5595	620.255	45.18	49.3218	468.0
LBV086p	24.9939	358.0364	45.33	49.5236	489.0
LBV087p	25.932	153.4839	48.18	49.881	156.0
LBV088p	31.9345	166.1419	48.37	50.1962	178.0
LBV090p	35.7927	515.6918	46.17	49.5167	179.0
LBV102p	62.385	516.2574	47.39	50.1936	178.0
LBV107p	33.2895	426.69	48.2	49.8698	152.0
LBV109p	24.9053	526.3125	45.51	49.2356	491.0
LBV113p	22.9948	305.857	46.1	49.3299	505.0
LBV121p	26.5132	983.34	45.8	49.4295	508.0
LBV125p	8.3944	132.6319	45.56	49.674	533.0
LBV127p	8.7864	147.5511	45.34	49.3067	490.0
LBV131p	18.7069	409.4054	44.96	49.2598	486.0
LBV132p	43.1488	486.4251	47.29	50.1611	172.0
LBV135p	35.0282	393.9857	47.52	50.185	185.0

LBV136p	106.8624	1463.8855	46.33	50.2968	184.0
LBV137p	9.3897	130.442	45.76	49.7565	493.0
LBV139p	44.893	420.4763	49.31	50.0834	174.0
LBV140p	9.1763	133.4801	46.58	49.7982	525.0
LBV141p	60.1944	277.7723	46.72	50.5337	186.0
LBV142p	9.5225	110.8187	46.26	49.5335	537.0

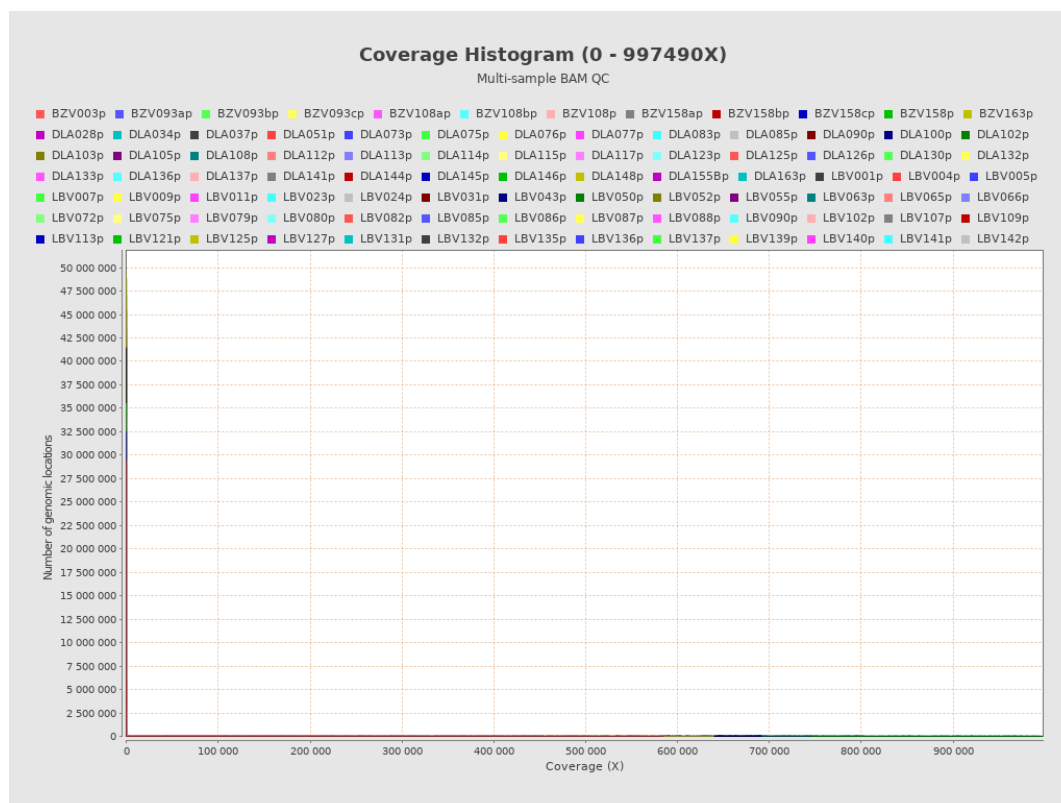
3. Results : PCA



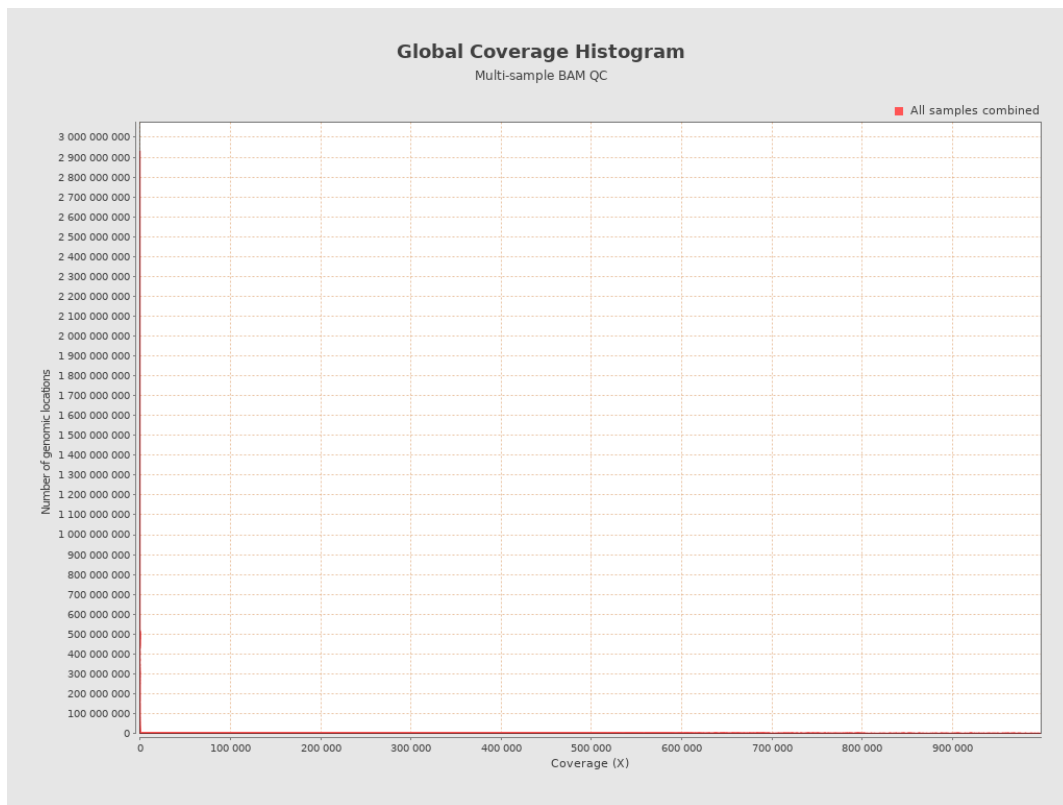
4. Results : Coverage Across Reference



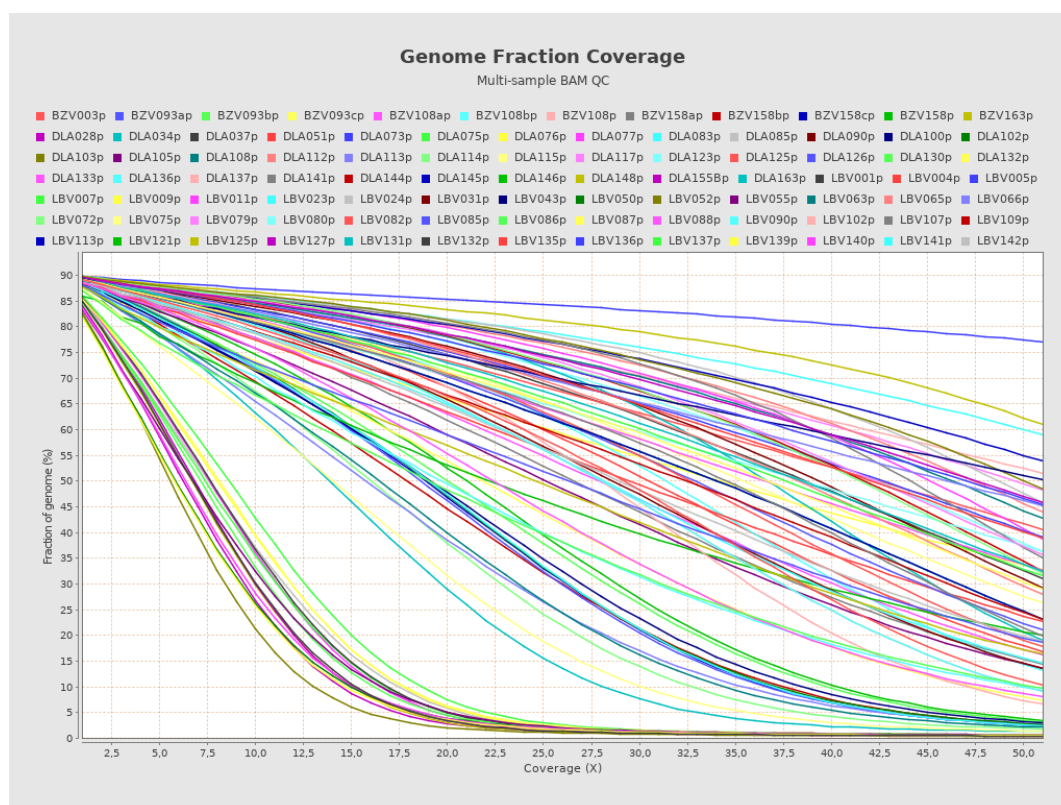
5. Results : Coverage Histogram (0 - 997490X)



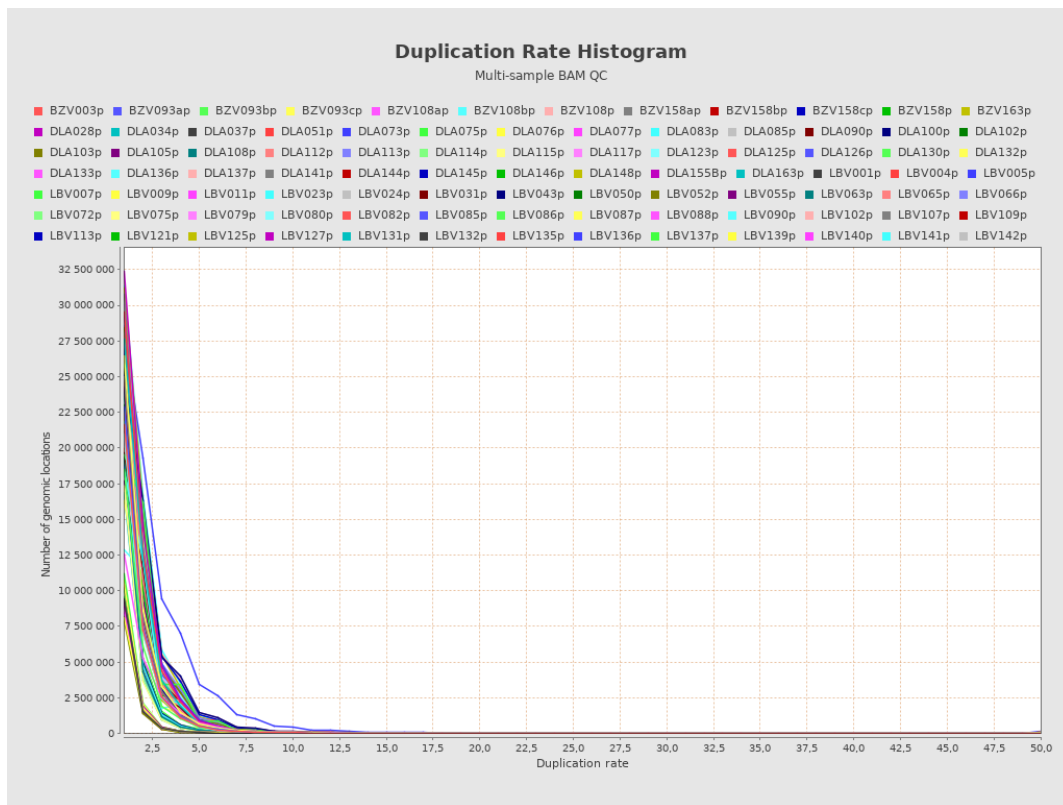
6. Results : Global Coverage Histogram



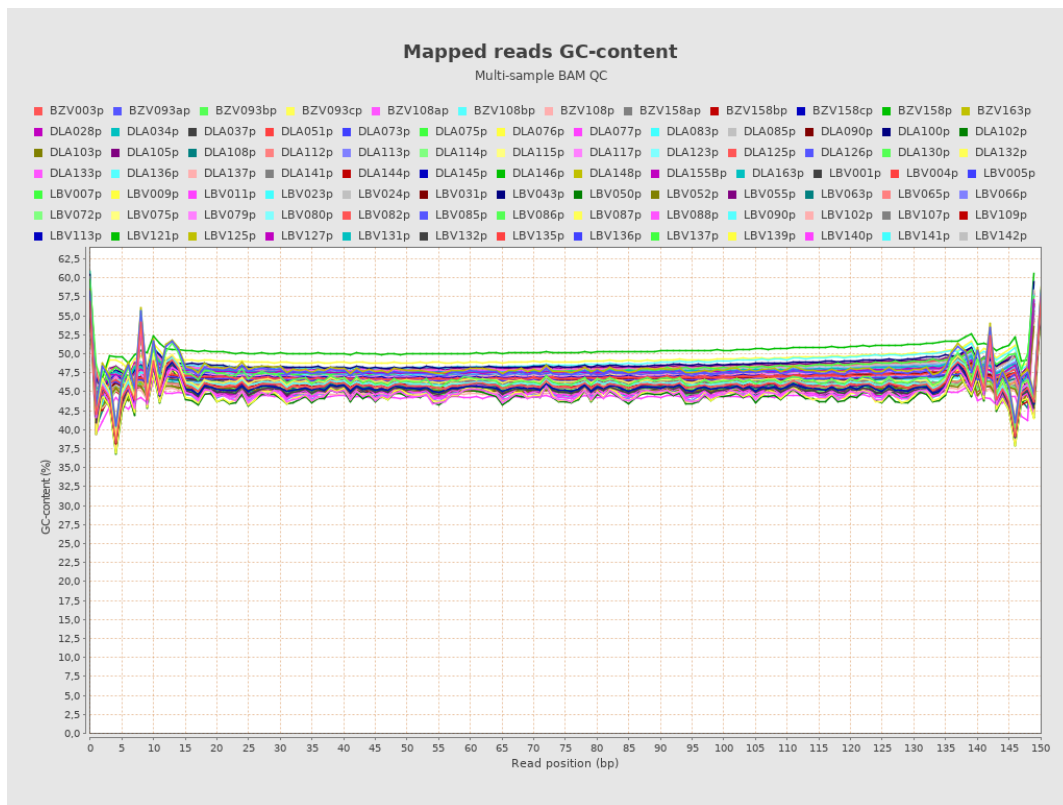
7. Results : Genome Fraction Coverage



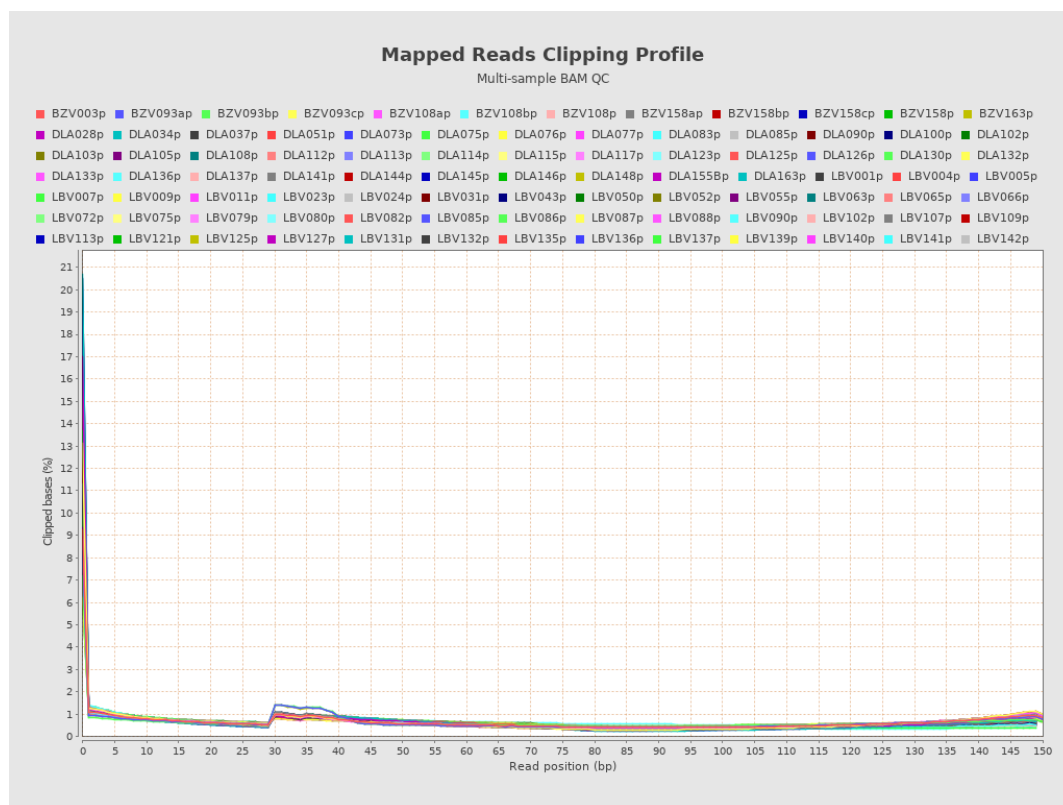
8. Results : Duplication Rate Histogram



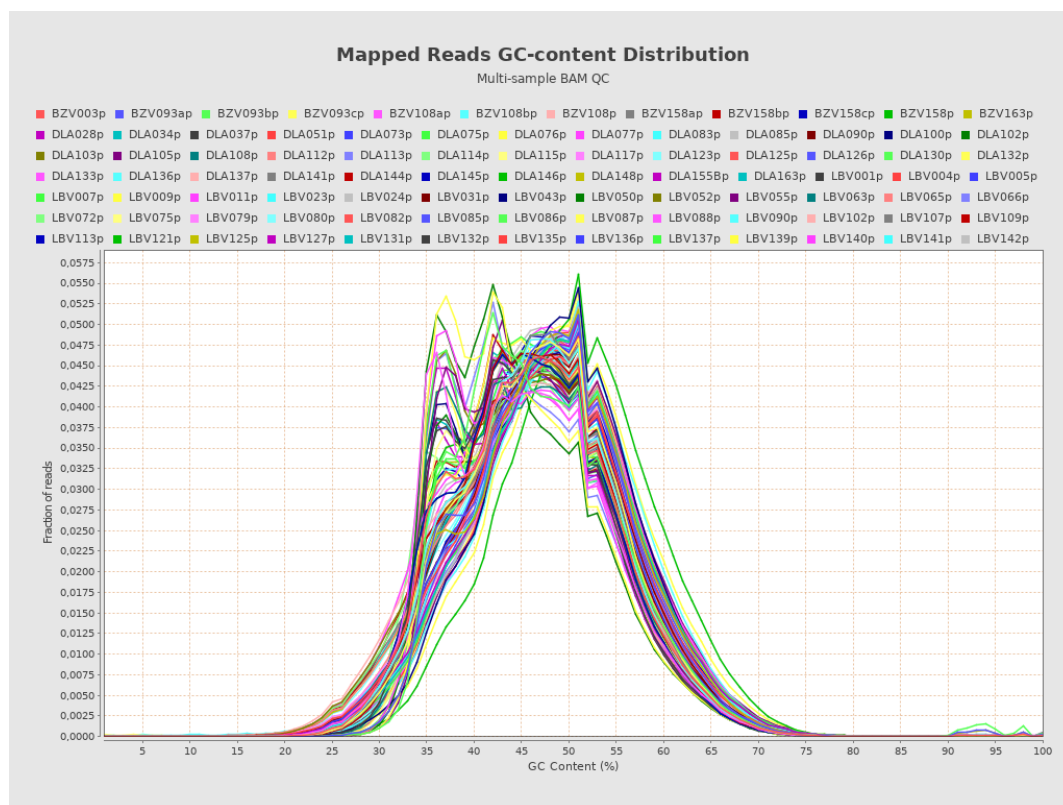
9. Results : Mapped reads GC-content



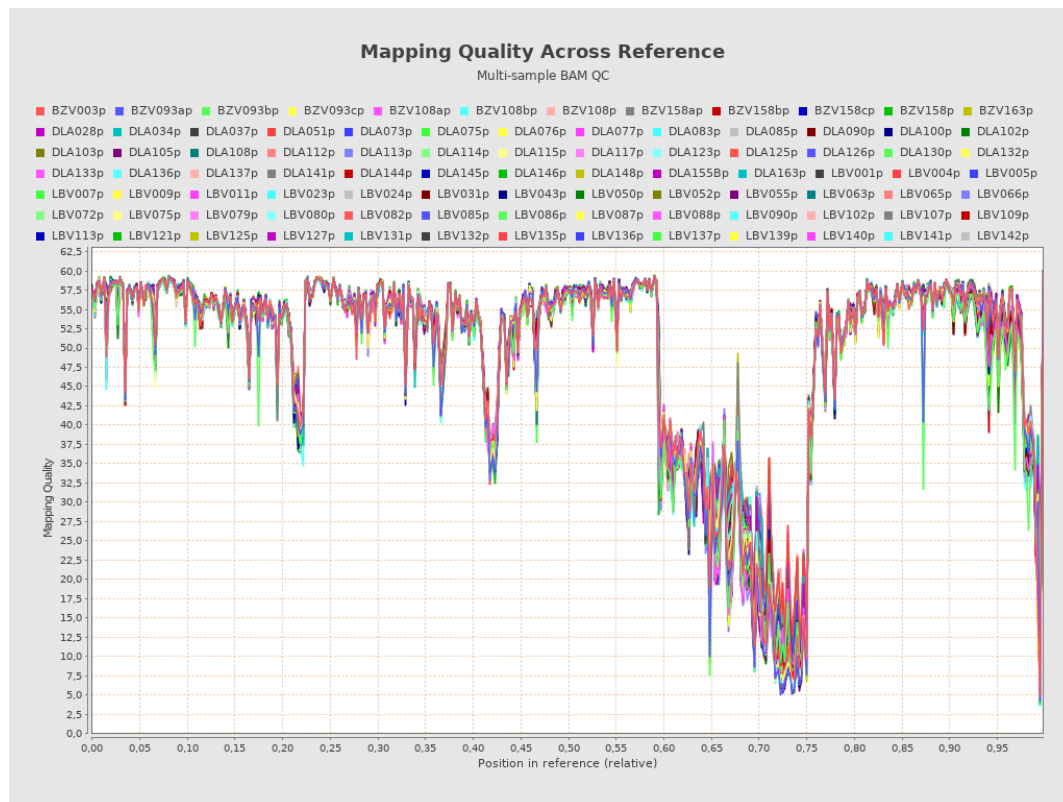
10. Results : Mapped Reads Clipping Profile



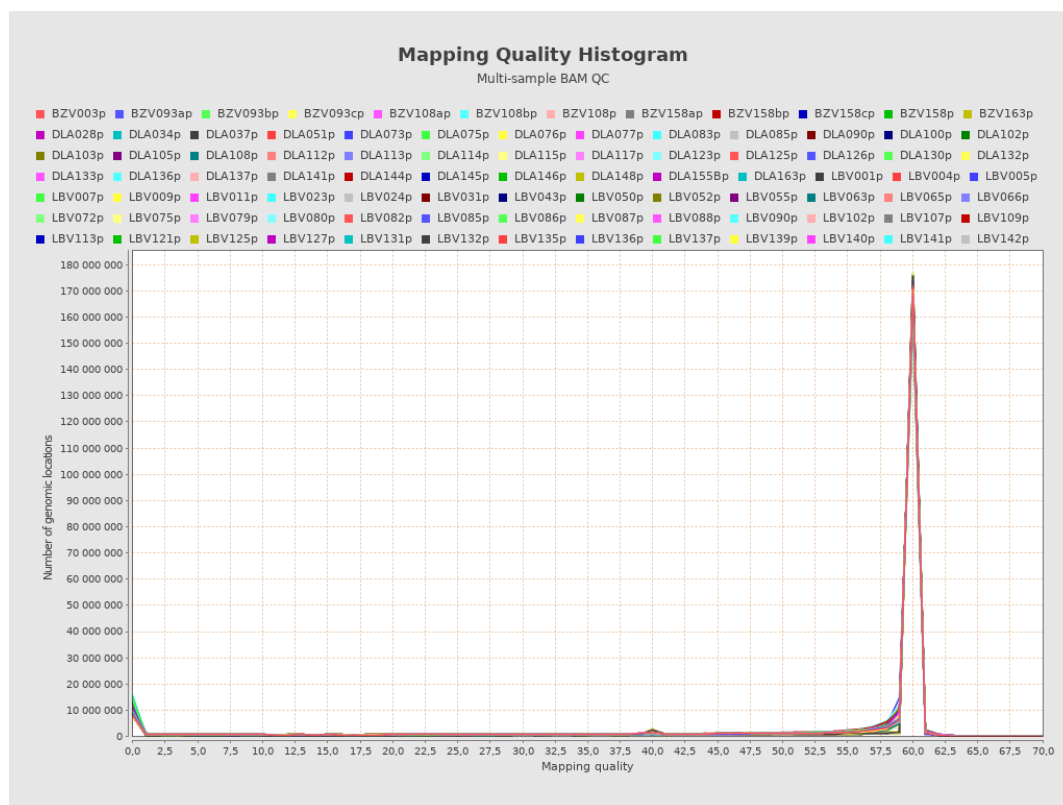
11. Results : Mapped Reads GC-content Distribution



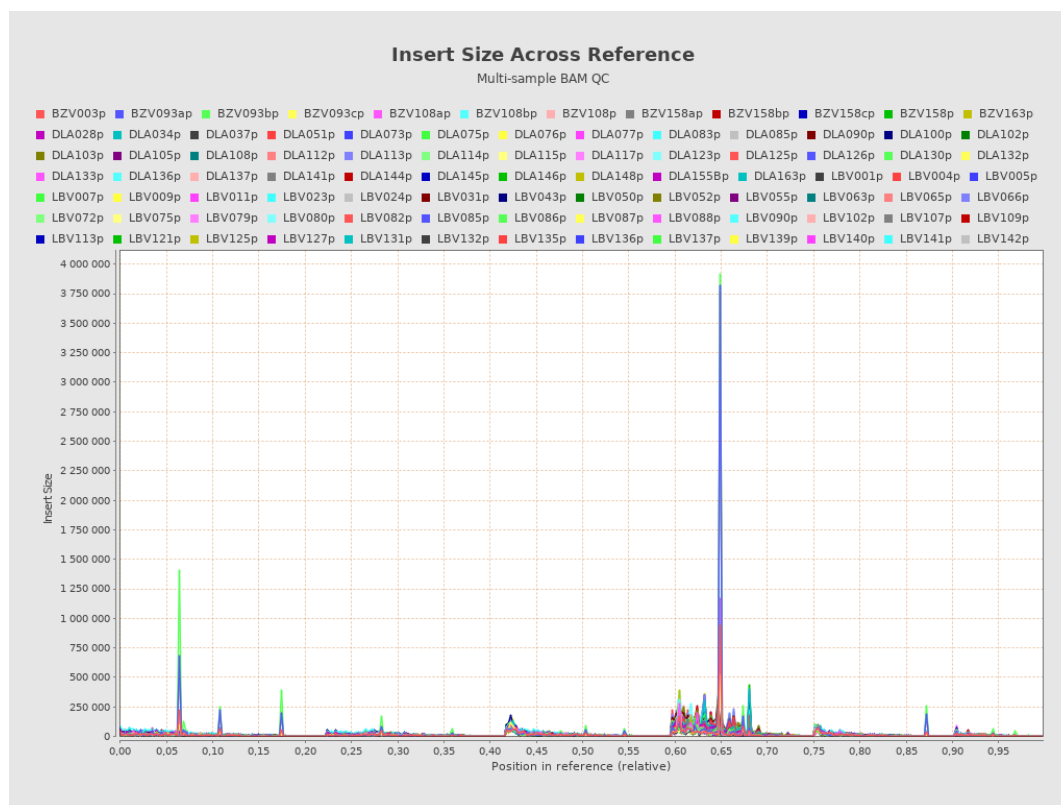
12. Results : Mapping Quality Across Reference



13. Results : Mapping Quality Histogram



14. Results : Insert Size Across Reference



15. Results : Insert Size Histogram

