

S2 Table. Summary of mapping statistics for whole genome bisulphite sequencing data

Samples	Library type	Total Reads	Aligned-uniq	Duplicate Reads	Deduplicated reads	Coverage	Bisulfite Conversion rate (%)
V2-1-a	50 bp	72438170	53509119	19850404	33658715	12.47	99.996
V2-5-a	50 bp	68173803	53368175	18004577	35363598	13.10	99.993
V2-2-d	50 bp	78632327	59867770	27008855	32858915	12.17	99.996
V2-9-a	50 bp	74274223	58513538	22044705	36468833	13.51	99.995
V3-1-a-1	100 X 100 bp	253376825	177269632	83106646	94162986	139.50	99.996
V3-5-a-1	100 X 100 bp	177617666	118082008	111421726	6660282	9.87	99.996
V3-2-d-1	100 X 100 bp	309232633	214087869	119090846	94997023	140.74	99.997
V3-9-a-1	100 X 100 bp	302059094	204045445	101563786	102481659	151.82	99.996