

Table S3 Summary of clean reads mapped from MM, IMM, MF and IMMF

Samples	Total Reads	Mapped Reads	Uniq Mapped Reads	Multiple Map Reads	Reads Map to '+'	Reads Map to '-'
IMF1	48,842,932	38,744,467	35,063,865	3,680,602	18,636,704	18,695,439
		(79.32%)	(71.79%)	(7.54%)	(38.16%)	(38.28%)
IMF2	45,919,558	36,898,246	33,295,500	3,602,746	17,626,024	17,711,006
		(80.35%)	(72.51%)	(7.85%)	(38.38%)	(38.57%)
IMF3	46,352,868	36,451,548	32,841,755	3,609,793	17,484,857	17,571,417
		(78.64%)	(70.85%)	(7.79%)	(37.72%)	(37.91%)
IMM1	45,702,580	35,170,612	31,586,026	3,584,586	16,863,661	16,948,337
		(76.96%)	(69.11%)	(7.84%)	(36.90%)	(37.08%)
IMM2	52,355,902	40,556,223	36,510,569	4,045,654	19,458,064	19,571,714
		(77.46%)	(69.74%)	(7.73%)	(37.16%)	(37.38%)
IMM3	56,033,970	43,350,419	38,988,131	4,362,288	20,766,247	20,910,078
		(77.36%)	(69.58%)	(7.79%)	(37.06%)	(37.32%)
MF1	43,390,032	39,023,666	36,348,900	2,674,766	19,442,074	19,385,975
		(89.94%)	(83.77%)	(6.16%)	(44.81%)	(44.68%)
MF2	47,200,034	42,309,173	39,643,793	2,665,380	21,023,489	21,026,990
		(89.64%)	(83.99%)	(5.65%)	(44.54%)	(44.55%)
MF3	39,992,544	36,229,345	33,813,158	2,416,187	17,983,598	18,003,397
		(90.59%)	(84.55%)	(6.04%)	(44.97%)	(45.02%)
MM1	53,753,412	41,781,212	37,657,987	4,123,225	19,969,247	20,116,363
		(77.73%)	(70.06%)	(7.67%)	(37.15%)	(37.42%)
MM2	47,955,622	37,697,594	33,986,043	3,711,551	17,979,819	18,170,824
		(78.61%)	(70.87%)	(7.74%)	(37.49%)	(37.89%)
MM3	44,888,732	34,675,281	31,172,463	3,502,818	16,643,243	16,700,133
		(77.25%)	(69.44%)	(7.80%)	(37.08%)	(37.20%)