

Table S3. Result of mapping

Sample	Total_reads	Total_map	Unique_map	Multi_map	Read1_map	Read2_map	Positive_map	Negative_map	Splice_map	Unsplice_map	Proper_map
black_1	41322628	11691472(28.29%)	11308688(27.37%)	382784(0.93%)	5669851(13.72%)	5638837(13.65%)	5645157(13.66%)	5663531(13.71%)	4621580(11.18%)	6687108(16.18%)	9869296(23.88%)
black_2	43382688	14976021(34.52%)	14499990(33.42%)	476031(1.1%)	7286145(16.8%)	7213845(16.63%)	7249029(16.71%)	7250961(16.71%)	6060857(13.97%)	8439133(19.45%)	12615016(29.08%)
black_3	42742170	13288268(31.09%)	12926830(30.24%)	361438(0.85%)	6485218(15.17%)	6441612(15.07%)	6452308(15.1%)	6474522(15.15%)	5238254(12.26%)	7688576(17.99%)	11269194(26.37%)
yellow_1	41649428	32346080(77.66%)	31376044(75.33%)	970036(2.33%)	15762719(37.85%)	15613325(37.49%)	15676098(37.64%)	15699946(37.7%)	11466650(27.53%)	19909394(47.8%)	28738988(69.0%)
yellow_2	41901754	36587963(87.32%)	35476315(84.67%)	1111648(2.65%)	17805773(42.49%)	17670542(42.17%)	17723381(42.3%)	17752934(42.37%)	14344231(34.23%)	21132084(50.43%)	32813356(78.31%)
yellow_3	38280086	33050954(86.34%)	32060230(83.75%)	990724(2.59%)	16114446(42.1%)	15945784(41.66%)	16013202(41.83%)	16047028(41.92%)	13105779(34.24%)	18954451(49.52%)	29695650(77.57%)
Dark red_1	39924190	34031404(85.24%)	32952341(82.54%)	1079063(2.7%)	16566181(41.49%)	16386160(41.04%)	16453243(41.21%)	16499098(41.33%)	13162647(32.97%)	19789694(49.57%)	30275980(75.83%)
Dark red_2	39727362	34063772(85.74%)	32989765(83.04%)	1074007(2.7%)	16554767(41.67%)	16434998(41.37%)	16475923(41.47%)	16513842(41.57%)	13135795(33.06%)	19853970(49.98%)	30228924(76.09%)
Dark red_3	41854842	35481778(84.77%)	34331705(82.03%)	1150073(2.75%)	17225845(41.16%)	17105860(40.87%)	17153755(40.98%)	17177950(41.04%)	13155697(31.43%)	21176008(50.59%)	31582750(75.46%)
yellow_with_s_1	41677196	34309664(82.32%)	33301135(79.9%)	1008529(2.42%)	16687187(40.04%)	16613948(39.86%)	16637178(39.92%)	16663957(39.98%)	12332443(29.59%)	20968692(50.31%)	30838192(73.99%)
yellow_with_s_2	40632966	34757024(85.54%)	33678838(82.89%)	1078186(2.65%)	16867825(41.51%)	16811013(41.37%)	16829409(41.42%)	16849429(41.47%)	13255073(32.62%)	20423765(50.26%)	31309198(77.05%)
yellow_with_s_3	41339002	34765865(84.1%)	33640282(81.38%)	1125583(2.72%)	16903080(40.89%)	16737202(40.49%)	16804666(40.65%)	16835616(40.73%)	13364073(32.33%)	20276209(49.05%)	31068142(75.15%)