

## S2 Table: Cassette optimization for processing BM specimen

				BM1	BM2	BM3	BM4	BM5	BM6			
<b>Pt ID</b>	<b>8219</b>	<b>1179</b>	<b>8219</b>	<b>2595</b>	<b>1184</b>	<b>1185</b>	<b>3053-2</b>	<b>7370-1</b>	<b>7370-2</b>	<b>9391</b>	<b>8219</b>	<b>8167</b>
<b>Cassette gap (um)</b>	4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	8	8	10
<b>Total cell input (x10<sup>6</sup>)</b>	66.6	60.6	66.6	52	16	80	19	86	86	19.5	66.6	-
<b>BC cells spiked</b>	203	~200	158	124	108	248	181	154	157	~200	178	124
<b>BC captured (%)</b>	47 (23)	133 (66)	152 (96)	104 (84)	38 (35)	188 (76)	66 (36)	46 (30)	71 (45)	136	178 (100)	52 (42)
<b>BC harvested (%)</b>	20 (10)	69 (35)	17 (11)	88 (71)	28 (26)	108 (44)	7 (4)	13 (8)	39 (25)	109 (55)	34 (20)	10 (8)
<b>BC retained in cassette (%)</b>	27 (13)	64 (32)	135 (85)	16 (13)	10 (9)	80 (32)	59 (32)	33 (21)	32 (20)	27 (13.5)	144 (81)	42 (34)
<b>Total harvest cell count (x10<sup>4</sup>)</b>	11.3	2.8	21	75.5	29	28	12	32	21.5	14.6	93	37.2
<b>Fold enrichment (FirstHarvest)</b>	589	2133	317	423	143	98	61	220	89	133	71	