

**Table S2.** The sequences of the CEL-Seq primers. The 8 base barcodes are as previously published, the 6 base barcodes are listed in the detailed protocol.

CEL-Seq	CGATTGAGGCCGTAATACGACTCACTATAGGGGTTCA GAGTTCTACAGTCCGACGATC[8 base barcode]TTTTTTTTTTTTTTTTTTTTTTTTT
CEL-Seq + UMI	CGATTGAGGCCGTAATACGACTCACTATAGGGGTTCA GAGTTCTACAGTCCGACGATCNNNNN[6 base barcode]TTTTTTTTTTTTTTTTTTTTTTTTT
CEL-Seq2	GCCGTAATACGACTCACTATAGGGAGTTCTACAGTCC GACGATCNNNNNN[6 base barcode]TTTTTTTTTTTTTTTTTTTTTTTTT
Library RT primer	GCCTTGGCACCCGAGAATTCCANNNNNN