OE1a	/5Acryd/tattcccatggcgcgccaNNNNNATNNNNNttgaggtgtcctaaacttacgc
OE4b	/5Acryd/ggcgcgccatgggaataaNNNNNATNNNNNtggagtggtctcaacatatcgc
psbs12s	GTTCAGACGTGTGCTCTTCCGATCT
s8B	ATGAGTGGCTTCAAATTCACGC
s4B17-GAPDH-LF3	TGGTCTCAACATATCGCATGACATCAAGAAGGTGGTGAAGCAGGC
s4B17-RFP-LF2B	TGGTCTCAACATATCGCTCAGTTCATGTACGGCTCCAAGGCCTAC
s4B17-GFP-LF1B	TGGTCTCAACATATCGCACCATCTTCTTCAAGGACGACGGCAACT
s8B17-actb-LF1	TGGCTTCAAATTCACGCAAACTGGAACGGTGAAGGTGACAGCAG
SBS3LC	CCCACTTCTCTCGACGCTCTTCCGATCT
rev-ill-214	CAAGCAGAAGACGGCATACGAGATAGGATCTAGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT
for-ill-sbs3	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT
10T-OEc-P	TTTTTTTTTTTATTCCCATGGCGCGCCA/3Phos/
10T-OE-P	TTTTTTTTTTGGCGCGCCATGGGAATAA/3Phos/

TABLE S2: Oligonucleotides used for all samples during amplification and library preparation, related to Figures 4-6 and Figure S5. Lower case nucleotides indicate sequence areas during read parsing for which a 6% error rate is accepted, whereas upper case nucleotides afford zero error tolerance. 5'-acrydite modified oligonucleotides were HPLC-purified by the manufacturer.