

Table S7: Index primers used for multiplexing of barseq libraries, related to Figures 5, 6 and 7.

Oligo name	Sequence 5'→3'	Barcode
Arg00444	TCGGCATTCTGCTGAACCGCTCTCCGATCTGTAATTCGTGCGGTAC	-
Arg00445	ACACTTTTCCCTACACGACGCTCTCCGATCTCTTCAATTCGATGGGTAC	-
PE 1.0	AATGATACGGCGACCACCGAGATCTACACTTTTCCCTACACGACGCTCTCCGATC*T	-
iPCRindex1	CAAGCAGAAGACGGCATAACGAGATTGCTAATCACTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGTGATTAGCA
iPCRindex2	CAAGCAGAAGACGGCATAACGAGATTAGGGGGATTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GAATCCCCCTA
iPCRindex3	CAAGCAGAAGACGGCATAACGAGATAGTTTCCAGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCTGGGAAACT
iPCRindex4	CAAGCAGAAGACGGCATAACGAGATCTGGGAGGTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TACCTCCCAGG
iPCRindex5	CAAGCAGAAGACGGCATAACGAGATATACCACAAATGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ATTGTGGTAT
iPCRindex6	CAAGCAGAAGACGGCATAACGAGATGATCTCTCGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCCGAGAGATC
iPCRindex7	CAAGCAGAAGACGGCATAACGAGATACCCTATACTCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GAGTATAGGGT
iPCRindex8	CAAGCAGAAGACGGCATAACGAGATCTCAATTAAGAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TCTTAATTGAG
iPCRindex9	CAAGCAGAAGACGGCATAACGAGATCGACAGAACGTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ACGTTCTGTCTG
iPCRindex10	CAAGCAGAAGACGGCATAACGAGATTCGCCATTATGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CATAATGGCGA
iPCRindex11	CAAGCAGAAGACGGCATAACGAGATATGTTCCGGCCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GGCCGGAACAT
iPCRindex12	CAAGCAGAAGACGGCATAACGAGATTCTTGAAGTGAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TCACTTCAAGA
iPCRindex13	CAAGCAGAAGACGGCATAACGAGATGAAGGCCAGCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGCTGGCCTTC
iPCRindex14	CAAGCAGAAGACGGCATAACGAGATCCAATGTGCAGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CTGCACATTGG
iPCRindex15	CAAGCAGAAGACGGCATAACGAGATATCGAAGGACCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GGTCCTTCGAT
iPCRindex16	CAAGCAGAAGACGGCATAACGAGATTCGGGTGCGAAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TTCGACCCGA
iPCRindex17	CAAGCAGAAGACGGCATAACGAGATGTAATTTACGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCGTAAATTAC
iPCRindex18	CAAGCAGAAGACGGCATAACGAGATATATCGACTACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GTAGTCGATAT
iPCRindex19	CAAGCAGAAGACGGCATAACGAGATTGATTCTTACAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TGTAAGAATCA
iPCRindex20	CAAGCAGAAGACGGCATAACGAGATACGGCGGGCCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGGCCCGCCGT
iPCRindex21	CAAGCAGAAGACGGCATAACGAGATCTTGCCTGGAGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CTCCACGCAAG
iPCRindex22	CAAGCAGAAGACGGCATAACGAGATTAATCAAAGACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GTCTTTGATTA
iPCRindex23	CAAGCAGAAGACGGCATAACGAGATGGCGGGCTTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TAGAGCCCGCC
iPCRindex24	CAAGCAGAAGACGGCATAACGAGATCTCCATTTCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGAAATGGAGG
iPCRindex25	CAAGCAGAAGACGGCATAACGAGATAACGAGCGCTGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CAGCGCTGGTT
iPCRindex26	CAAGCAGAAGACGGCATAACGAGATTATTCGTCAACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GTTGACGAATA
iPCRindex27	CAAGCAGAAGACGGCATAACGAGATGCGCTGATGCAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TGCATCAGCGC
iPCRindex28	CAAGCAGAAGACGGCATAACGAGATCTCATATGGCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGCCATATGAG
iPCRindex29	CAAGCAGAAGACGGCATAACGAGATACAGGGGAGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC* T	CCTGCCCTGT
iPCRindex30	CAAGCAGAAGACGGCATAACGAGATGGTTTTATACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GGTATAAAACC
iPCRindex31	CAAGCAGAAGACGGCATAACGAGATGCATGACTTTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TAAAGTCATGC
iPCRindex32	CAAGCAGAAGACGGCATAACGAGATTTCTGAGTTCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGAACTCAGAA
iPCRindex33	CAAGCAGAAGACGGCATAACGAGATGATTAAGCTGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CAGCTTAATCG
iPCRindex34	CAAGCAGAAGACGGCATAACGAGATTCTTAAGCCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GGCTTAAGAGA

iPCRindex35	CAAGCAGAAGACGGCATAACGAGATCCGACAGGTGAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TCACCTGTCGG
iPCRindex36	CAAGCAGAAGACGGCATAACGAGATAGTATCACTATGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ATAGTGATACT
iPCRindex37	CAAGCAGAAGACGGCATAACGAGATGTTGCTGATGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CATCAGCGAAC
iPCRindex38	CAAGCAGAAGACGGCATAACGAGATCCCATGGCGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GCGCCATGGGA
iPCRindex39	CAAGCAGAAGACGGCATAACGAGATGGAGTTCAACAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TGTTGAACTCC
iPCRindex40	CAAGCAGAAGACGGCATAACGAGATACTGCGTATATGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ATATACGCAGT
iPCRindex41	CAAGCAGAAGACGGCATAACGAGATTACGTCGTGCGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CGCACGACGTA
iPCRindex42	CAAGCAGAAGACGGCATAACGAGATCCTTCTGTCCCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GGGACAGAAAG G
iPCRindex43	CAAGCAGAAGACGGCATAACGAGATATACTTGTAAAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TTAAACAAGTAT
iPCRindex44	CAAGCAGAAGACGGCATAACGAGATTACCCAGGAGTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ACTCCTGGGTA
iPCRindex45	CAAGCAGAAGACGGCATAACGAGATGGGGTTTTCTGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CAGAAAAACCC
iPCRindex46	CAAGCAGAAGACGGCATAACGAGATACTGCTGCGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GCACGAGCAGT
iPCRindex47	CAAGCAGAAGACGGCATAACGAGATGAAGCATAATAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TATTATGCTTC
iPCRindex48	CAAGCAGAAGACGGCATAACGAGATATACAGTCGCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGCGACTGTAT
iPCRindex49	CAAGCAGAAGACGGCATAACGAGATCTGTCGCAAGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCTTGCACAG
iPCRindex50	CAAGCAGAAGACGGCATAACGAGATTGCAATCTAACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GTTAGATTGCA
iPCRindex51	CAAGCAGAAGACGGCATAACGAGATGATGGTATTTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TAAATACCATC
iPCRindex52	CAAGCAGAAGACGGCATAACGAGATCAAAAAATAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ATATTTTTAG
iPCRindex53	CAAGCAGAAGACGGCATAACGAGATAGCGTTTAGGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCCTAAACGCT
iPCRindex54	CAAGCAGAAGACGGCATAACGAGATCCTAACCAATCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GATTGTTAGGA
iPCRindex55	CAAGCAGAAGACGGCATAACGAGATGAGACTCGGTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TACCGAGTCTC
iPCRindex56	CAAGCAGAAGACGGCATAACGAGATCAATTTGTTCTGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	AGAACAAATTG
iPCRindex57	CAAGCAGAAGACGGCATAACGAGATATGAGATCAAGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CTTGATCTCAT
iPCRindex58	CAAGCAGAAGACGGCATAACGAGATTAACGCGTGGCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GCCACGCGTTA
iPCRindex59	CAAGCAGAAGACGGCATAACGAGATCCGTATCTATAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TATAGATACGG
iPCRindex60	CAAGCAGAAGACGGCATAACGAGATTGGCTGGGTATGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	ATACCCAGCCA
iPCRindex61	CAAGCAGAAGACGGCATAACGAGATGTACATCCGGGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CCCGGATGTAC
iPCRindex62	CAAGCAGAAGACGGCATAACGAGATAAGCCGAGATCGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	GATCTCGGCTT
iPCRindex63	CAAGCAGAAGACGGCATAACGAGATCAAAGCGGCTAGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	TAGCCGCTTTG
iPCRindex64	CAAGCAGAAGACGGCATAACGAGATGCTGTATTTAGGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T	CTAAATACAGC