

### Supplementary Table S3:

### List of oligonucleotide sequences for amplification of genomic target regions

#### Oligonucleotide sequences for indel analysis

Oligo name	Forward (5'-3')
RPL13A site1	GAGATGAACAGCCCCTCAAA
RPL13A site2	ATGAGATGACTCCACATGCACT
RAB1A site1	CCAAGATACTACTGGGGATG
RAB1A site2	CGAACCAGGAAATAGGGAAG
NPAS1	AGAGGCCAGCCTCACCAA
NFE2L1	TCCAGTTCACCATTCTGCTG

Oligo name	Reverse (5'-3')
RPL13A site1	TGTCGCAGGGTTTCTTATCC
RPL13A site2	TGTAGGTAGTTGCGGAACATCA
RAB1A site1	AGCAATGCAGTGTGCTTTTT
RAB1A site2	AAGTCCTAGCCAGCGAGTCA
NPAS1	GGAGGACTGGACACTGTGTGA
NFE2L1	CCAGGCATTTACCTCAGTGG

#### Oligonucleotide sequences for indel analysis

Barcodes at 5' end of Forward primer are underlined

Oligo name	Forward (5'-3')
HER2 Ampl-1 SEQ F	<u>ATCAC</u> CGCGAAGAGAGGGAGAAAGTG
HER2 Ampl-2 SEQ F	<u>CGATG</u> GCGAAGAGAGGGAGAAAGTG
RPL13A Ampl-3 SEQ F	<u>TTAGG</u> TGACTCCACATGCACTACCA
RPL13A Ampl-4 SEQ F	<u>TGACCT</u> GACTCCACATGCACTACCA

Oligo name	Reverse (5'-3')
HER2 Ampl SEQ R	GGGCTCCCCTGGTTTCTC
RPL13A Ampl SEQ R	GGCATAGCTCACCTTGTCTG

#### Oligonucleotide sequences for ChIP-qPCR and ChIP-PCR

Oligo name	Forward (5'-3')
RPL13A PCR-F	GGTGGGTGGGCATCCTTAT
GAPDH PCR-F	CACCGTCAAGGCTGAGAACG
G5 PCR-F	GCAATCAGGCCTACCAGAAT
HER2 PCR-F	TTGGAATGCAGTTGGAGGGG
EPCAM PCR-F	CCCAACTCCC GGGCGGTGAC

Oligo name	Reverse (5'-3')
RPL13A PCR-R	CTGGCCTCGCTTGGTTTT
GAPDH PCR-R	ATACCCAAGGGAGCCACACC
G5 PCR-R	GGGATTGGAGTAGACGGTCA
HER2 PCR-R	GGTTTCTCCGGTCCCAATGG
EPCAM PCR-R	GGGTCCGCGTCCGGGAGGACA