

Table S1 DNA sequences of nucleosome-free regions

TUB2

CTCTTCTTTTTCTTTATTCCCCCATGGGCCAAAAAAAAATAGTACTATCAGGA
ATTTGGCGCCGGGTCACGATATACGTGTACAGTGACCTAGGCGACGCCACAA
GGAAAAAGGAAAAAACAGAAAAACAACAAAACTAAAACAAACACGAA
AACTTT

FMP32

GCAGCTGTTTCAAGTTCTTTTTTTATTGGAGATATAATTATTTACATTATTGTT
ATAGAGGACACACGAAAAAGCAAGAAGGGA ACTATAAGAAAAATAAAAA
TAATGAAGAATACAGATCTGTAATTAGTCATTTCAAGTGAGCGTAATAAGTA

SEC53

AACACGTAAAAACGGCACATTTTAATATATTTCAAATTTTTTTTTTCATCAAC
GACAAAAGGAATGCATTTTATCCACTTTTCGTGTCTCATGACGAGTATACCGA
TAAACGCCAAATGCGTATTTTATTATCTATTTTGGCCAAAATCAACG

FET5

TATTACTTTGTGGCTTTTGTATTCAGTCTGCACCCTGTTTCGCCATCGATTCTT
ATAATACATACATTTTATATAAGATCACAGAAAATACGAAGAGTAAAAAAA
GAGTTCCGAATGAAAGAAGAAAGAATCAAGCACAGGAAGACAAGAAACGAT
GTT

RGD2

TATAATTATTCAATACCAATTAAGGCTTCTATTAAGATCAAAAACATTCTT
AGAGTTCATACTGTTTCTCTACTCGTGTATAGTGATACCAAGACGTAATGACA
ATAATAGATGGAAATTGAAATATTATGAAACAGGAATAATATTCCGTTGAAT
T

SWP82

CTGTGCATTAAATATAGTTGTAGTTTCAGCCGTCTATATTTTTTTTTTCGAACCA
TCACTTTTCCCTTCTGGACTTTTCTCAATGTAAAAACAAGAAAAACATGGAT
GTATAATACTATAAATAAAAAAAGTAGGAAGAAGAACC AAAACAAAGGGCG

T

HIS3

TCTATTACTCTTGGCCTCCTCTAGTACACTCTATATTTTTTTATGCCTCG
GTAATGATTTTCATTTTTTTTTTCCACCTAGCGGATGACTCTTTTTTTT
TCTTAGCGATTGGCATTATCACATAATGAATTATACATTATATAAAGT
AATGTGATTCT

ILV1

TATTGCATATTATCTCTGCTATTTTGTGACGTTCAATTTTAATTGACGC
GAAAAAGAAAAAATAAGAAGGGCAAAAAGAAAAAGCGCAGCGGGT
AGCAAATTTGGAATCGCATAAAAAGAAAAAAAAAATATCAAAGAAA
AAGAGTCATCTCAAACATAT

SNT1

ATCTTTACTTTTGAACTGATTTCTCATCCCATCTAGTATTGTAATTGC
GTACGTATCCAATATCATTACCAACGCCGGGTATTTTTTTCTAGTATTT
CTTCTCCATTTGCCTATGGAAAACGGCAAAAAGGGTAAAAGAAAAAA
ACAAACGATTAATTC

MRSP5

TCGTATGTATCCCATACATTTATGTATCCCATATATTTTCATTACATGGT
GATGCTTTCCTTTATTCGCGGAGTAAAGTTCCTTAAAGTGAAAAAAA
AAAAGACGAATTGACAAGACAATAACAAGCACCCTAAAAGAC
CTATCGTTATTGTTGTC