

S1 Table. Primers used for sequencing library preparation

Forward primers						
Sample		5' Illumina adapter		Forward primer pad	Forward primer linker	Forward primer Fwd515
All samples		AATGATACGGCGACCACCGAGATCTACAC		TATGGTAATT	GT	GTGCCAGCMGCCGCGGTAA
Reverse primers						
Sample	Primer number	Reverse complement of 3' Illumina adapter	GoLay Barcode	Reverse primer pad	Reverse primer linker	Reverse primer Rev806
Boxo1/85	806rcbc85	CAAGCAGAAGACGGCATAACGAGAT	CAGCTAGAACGC	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo1C.13	806rcbc13	CAAGCAGAAGACGGCATAACGAGAT	CCTCGTTCGACT	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo2.73	806rcbc73	CAAGCAGAAGACGGCATAACGAGAT	GACGGAACCCAT	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo2C.1	806rcbc1	CAAGCAGAAGACGGCATAACGAGAT	AATCAGTCTCGT	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo3.61	806rcbc61	CAAGCAGAAGACGGCATAACGAGAT	ATGAGACTCCAC	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo3C.86	806rcbc86	CAAGCAGAAGACGGCATAACGAGAT	TCCCAGAACAAC	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo4.49	806rcbc49	CAAGCAGAAGACGGCATAACGAGAT	TAGGAAGTGGCC	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo5.37	806rcbc37	CAAGCAGAAGACGGCATAACGAGAT	TCGAGACTGCA	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo5C.74	806rcbc74	CAAGCAGAAGACGGCATAACGAGAT	CAAGCATGCCTA	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo6.25	806rcbc25	CAAGCAGAAGACGGCATAACGAGAT	TAGGATTGCTCG	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT
Boxo6C.62	806rcbc62	CAAGCAGAAGACGGCATAACGAGAT	GAATCTTCGAGC	AGTCAGTCAG	CC	GGACTACHVGGGTWCTAAT