

Table S1 Primers used in this study

<u>Primer</u>	<u>Sequence</u>
pan-TLO amplification	ATGCCAGAAAACCTCCAAAC
RL-arm Sequencing	GGAGTACAGAAGTAGAGCAA
RR-arm Sequencing	AAAGCATCTGTAGACACGGC
1L-arm Sequencing	CGCTGGGTATCACAAGAGTG
1R-arm Sequencing	TCACCAAGACTGGGTAGAGC
2L-arm Sequencing	GGGGTATTTGGAATGGTTTG
3L-arm Sequencing	CCTATACATAGCCTTCTGCG
3R-arm Sequencing	CTGTGGTGGCAGGTAATTTT
4L-arm Sequencing	CCCACAAATATTTGTTACC
4R-arm Sequencing	CATTATTGTGTTTGGTGGGG
5L-arm Sequencing	ATGTCTTCGACGGTATTGCC
5R-arm Sequencing	TGTTACACCTTTGACATGCTC
6L-arm Sequencing	TTTCTGGCCTCCTCTGCCTT
6R-arm Amplification	AGAGTGTGACGATGAGGATGATAGCTG
7L-arm Amplification	AGTTCTGGCTAGCTTATATTTTGCATCTCTATATCG
7R-arm Sequencing	CAGGTGTTGCTGTCTATTC
<i>CEN1</i> -L Amplification	CATCCGTATTTACACACGC
<i>CEN1</i> -R Amplification	AACACAATGGTCCCACAACG
<i>CEN1</i> -R Sequencing	AGACAATCCATAGGACCCTC
<i>CEN2</i> -L Amplification	GAGTGAGTTAAGCTACCCAG
<i>CEN2</i> -R Amplification	TTATCACCTTTGGTCCCTG
<i>CEN2</i> -R Sequencing	CCCTCGTTGTGACGTTTTAG
<i>CEN3</i> -L Amplification	GCCAACTAAGACAGCTCATG
<i>CEN3</i> -R Amplification	GCGCCAAACATACAAACCAC
<i>CEN3</i> -R Sequencing	TCAAACCTTTCGGCTGGTAGC
<i>CEN4</i> -L Amplification	GGGAGTTCAAATATCGTCC
<i>CEN4</i> -R Amplification	CGAGGCAACAATCAGAACCA
<i>CEN4</i> -R Sequencing	GAACAATGGCTCACGAGTTT
<i>CEN5</i> -L Amplification	CCGTCAATAGAACCGGAAGT
<i>CEN5</i> -R Amplification	GACTGACATCCGTACTATCG
<i>CEN5</i> -R Sequencing	GTAGCCCAGTATTAGAGATG
<i>CEN6</i> -L Amplification	TGACAATGCCACTTCAAGCG
<i>CEN6</i> -R Amplification	CCCTCCAATAAAGCAACCAC
<i>CEN6</i> -R Sequencing	GTACTACTAGCCCTATTA
<i>CEN7</i> -L Amplification	GGAGTTACCATCTTAGCAGC
<i>CEN7</i> -R Amplification	ACAACTCTGGATCCCACCA
<i>CEN7</i> -R Sequencing	CCAGCAGCGAATATATTGGG
<i>ENO1</i> -L	TCAATTGTCCCATCTGGTGC
<i>ENO1</i> -R	TCTTTCAGATCTGGCTGGAG
<i>LIP4</i> -F	GTCACTACTGTTATGGAGCC
<i>LIP4</i> -R	TGAATATCAGGTCCAAGTCC
<i>LIP4</i> Sequencing	CCCTTCCAAACTCGCTTCAT
<i>SAP1</i> -F	CTCCAGCTAAAAGATCCCCA
<i>SAP1</i> -R	GGATAAGGTTGACCGTTAGC
<i>SAP1</i> Sequencing	CTCCTGTTAATGCTACTGGT
<i>SAP7</i> -F	GTGCACATTTCCCTAACCGT
<i>SAP7</i> -R	CCACTAGCATAAGTACCGAC
<i>SAP7</i> Sequencing	GGTAATGGGATCTTTCCGG