### Supplemental Table S1. Primers used in this study.

| Primer                     | Sequence                                                                 | Primer designation |
|----------------------------|--------------------------------------------------------------------------|--------------------|
| lptenExFw                  | 5’- ATCAAGTACAAAATAATACCTTTTGAAATC-3’                                    | P1                 |
| lptenExRV                  | 5’- ATTTCTATTATTTCAAAATACAAATC-3’                                       | P2                 |
| lptengenomFW               | 5’- AGAAACGACAAAAATTTTACATC-3’                                          | P3                 |
| lptengenomRv               | 5’- ATTCTAAATGAAAATAATTATCAATA-3’                                       | P4                 |
| lptengenomicFw1            | 5’- ATTTTTGTTCATCTTTAATGAGCCATTATTTGTTTTGTCACAACATATCTATTTTACAGCAAA CAATAG-3’ | P5                 |
| lptengenomicRv1            | 5’- TCTTTTGATGTAACCATAAACGAATTCCCATACTACC-3’                            | P6                 |
| EZTN-R                     | 5’- GCCAATATGCGAGACCCGAG-3’                                              | P7                 |
| lptenFW                    | 5’- ATGGACTTAGTAAGAAAAATGG-3’                                            | P8                 |
| mRFPrv                     | 5’- TGCACCTGTTGAATGTCTACCTTCTG-3’                                       | P9                 |
| IG7-FP                     | 5’- TTACATTTATAGACCGAAACCGCCG-3’                                        |                    |
| IG7-RP                     | 5’- TTCCCTTTAGACCTATGGACCTTAGACG-3’                                     |                    |
| ptenAcDNAFw                | 5’- ATGAGTAAATTTGACCTAGGAGATGC-3’                                       |                    |
| ptencDNArv                 | 5’- ACTTGAGCTATTTGAAGAGAG-3’                                            |                    |
| M13Rv                      | 5’- CAGGAAACAGCTATGA-3’                                                 | Methods, Colony PCR to obtain |

**Figure 1B,** Amplification of *rnlA*

**Methods,** Colony PCR to obtain
**T7**  
5' - GTAATACGACTCACTATAGGG-3'

**lptenFW**  
5' - TGGTGGATCAAAATCCAGAAAATGTAG-3'

**lptenRV**  
5' - TAAGTTGAAGTTTGTGTAGTTG-3'

**lptenFWEntry**  
5' - caccATGGGACTTAGTAAGAAAAATGG-3'

**lptencDNArv**  
5' - CACTTTTTATTTTTAATATTGATAATTTATTTTCAT-3'

**lptenFwseq1**  
5' - ATGGGTTTTTCTTAGTAATCATTGG-3'

**lptenFwseq2**  
5' - ATGTGGTTGGATCAAAATCC-3'

**lptenFwseq3**  
5' - TGGTTGTAACCATATTTTATGTTCAACAG-3'

**lptenFwseq4**  
5' - AGCACATAAGATTTAAACACTTTCC-3'

**lptenFwseq5**  
5' - ATGTAATCTTCTATTAAGCTGCAACTGATCC-3'

**lptenFwseq6**  
5' - ATGAAAACCAATGGATCC-3'

**lptenFwseq7**  
5' - TGAAAAATCATCATCATCATTATCC-3'

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**lpten-bsr-plasmid**

Methods, Colony PCR to obtain *lpten-bsr*-plasmid

**D.d.**

Methods, Colony PCR

Methods, Colony PCR

Methods, Subcloning of aggregation competent *lpten* cDNA

Methods, Subcloning of aggregation competent *lpten* cDNA

Sequencing *lpten*

Sequencing *lpten*

Sequencing *lpten*

Sequencing *lpten*

Sequencing *lpten*

Sequencing *lpten*