

Supplementary Table S1. Sequence and location of biotinylated probes.

X1 3'UTR probes

| Probe # | Probe (5'->3') sequence | Probe Position* | Percent GC |
|----------------|-----------------------------------|------------------------|-------------------|
| 1 | ACAGAACTGTGTTTTGATGT | 60 | 35 |
| 2 | ATTCTTTCCTCTTTTGTTGG | 153 | 35 |
| 3 | ACTTTCCATAGCAAATCTCC | 328 | 40 |
| 4 | TGCTTGGTGATTGAAACTGC | 408 | 45 |
| 5 | CATAGAAAGGGCAAGCTGCA | 513 | 50 |
| 6 | AGACACATCTACTCACCCT | 597 | 45 |
| 7 | CCTCAGTGAGCAAGGAAACA | 677 | 50 |
| 8 | CACTTATCTTCATTGCTGGA | 757 | 40 |
| 9 | AGTAGCCGCATAAGTAGTTG | 860 | 45 |
| 10 | GGATATATAATTCTGGTGGG | 1075 | 40 |
| 11 | TGCTAAGACTCCTCATATTT | 1158 | 35 |
| 12 | TGTGGGATATAGTGTTAGGA | 1271 | 40 |

Control probe

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|-----|---------------------------|
| SCR | GTGAGGCGTTGTAAGAGTGGTTAAG |
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