

| Gene symbol | Junction | Presence of binding sites | Number of binding sites |
|--------------|-----------------------------|---------------------------|-------------------------|
| BOK | chr2:242498408 – 242509540 | + | 9 |
| MAP4 | chr3:47917175 – 47917251 | + | 1 |
| ATG13 | chr11:46670733 – 46671808 | + | 6 |
| FANCD2 | chr3:10116357 – 10122784 | + | 13 |
| AKNAD1 | chr1:109484027 – 109486153 | + | 4 |
| SZT2 | chr1:43916742 – 43917099 | - | 0 |
| MB21D1 | chr6:74133546 – 74134580 | + | 4 |
| BPNT1 | chr1:220247309 – 220263112 | + | 30 |
| CTC-432M15.3 | chr5:131039842 – 131039926 | + | 3 |
| SLC25A19 | chr17:73269074 – 73279674 | + | 27 |
| AP1G1 | chr16:71798549 – 71803598 | + | 12 |
| POLR3E | chr16:22320831 – 22321172 | + | 1 |
| ZDHHC23 | chr3:113667037 – 113667616 | + | 1 |
| RUVBL1 | chr3:127783621 – 127801417 | + | 3 |
| MTUS1 | chr8:17611366 – 17613362 | + | 2 |
| TRIB3 | chr20:362035 – 368655 | + | 5 |
| ACSL5 | chr10:114173065 – 114177604 | + | 7 |
| PYGO2 | chr1:154935186 – 154936111 | + | 1 |
| ELAVL1 | chr19:8023463 – 8038762 | + | 16 |
| NEK9 | chr14:75572889 – 75573359 | + | 3 |

Supplemental Table 11. Presence of the binding site of CPSF1 around ASE associated with CPSF1 overexpression