

## Supplementary Information

### **An Efficient Genome-Wide Fusion Partner Screening System for Secretion of Recombinant Proteins in Yeast**

Bae et al.

**Supplementary Table 1.** List of primers used in this study

<b>Primer</b>	<b>Sequence</b>
GAP-F	CGAGCTCGGTACCCAAATTTTCCTATGAC
GAP-R	GAAAGCTTGCAAAAGCATTTTTGAATTCGTTTGTATGT
SIG-F	GAATTCAAAAATGCTTTTGAAGCTTTC
SIG-R	GAGGCGGCCGCACGGCCGTAATGGCCAGCAGATATTTGGCTG
INV-F	GGCCGTGCGGCCGCTCGGCCCTAGATAAAAAGGTCAATGACAAACGAAAC
INV-R	AGTCGACTTACTATTTTACTTCCCTTACTTG
HSA-F	AGGCCATTACGGCCGTGATGCACACAAGAGTGAG
HSA-R	AGGCCGAGGCGCCAAGCCTAAGGCAGCTTGAC
Gal10F	TCGAGCTCATCGCTTCGCTGATTAATTAC
GAL10R	GGATCCTTGAATTTTCAAAAATTCTTAC
Sfi-INV-F	AGAATTCAAAAGGCCATTACGGCCGCGGCCGCTCGGCCCTAG
INV45-F	GCGGCCGCTCGGCCCTCTGCTGGCCTCGCCTTAGATAAAAAGATTTAAATGACACCGTATGGGGTA
IL-F0	ATTTTTGAAAATTCAAGGATCCGCACCTACTTCAAGTTCT
IL-F1	ATTTTTGAAAATTCAAGGATCCTGCACCTACTTCAAGTTCT
IL-F2	ATTTTTGAAAATTCAAGGATCCTTGCACCTACTTCAAGTTCT
IL2Ter	AGTCGACTTAAGTTAGTGTGAGATG
ASA24N6	GCCAGCAGAGGCCGAGGCCAGNNNNN
ASA24	GCCAGCAGAGGCCGAGGCCAG
KR-Target-F	CTCGCCTTAGATAAAAAGA-Target sense sequence
Target-INV-R	CATTGAACGCTTGTCAA-Target anti-sense sequence
KR-Inv-F	TTGGACAAGCGTTCAATGACAAACGAACTAGCGATAG
INV300R	GTATCATTGAAAAACCCACTCGTG
GALSac-F	CGAGCTCGGTACCCGGGGATCC
T1KR-R	GAACTGAAAGTAGGTGCCCTTTTATCTAGAGGATCAGATGAGAAGAC
KRIL-F	TCTTCTCATCTGATCCTCTAGATAAAAAGGGCACCTACTTCAAGTTC
TFP1-1R	AGAACCGAGAGCGCCGCGAGAG
TFP1-2R	TCTAGAGGTGCTATTGGTGTAAGAG

TFPI-3R	TCTAGAATCACCGCTAATTGTTGTG
ILSpe-F	ACTAGTCTAGATAAAAAGGGCACC
TFPI-4-F	GGATCCATGTTCAATCGTTTTAAC
GAL40	GTAAGAATTTTTGAAAATTC
LNKS-R	TGTCACTCCGTTCAAGTCGACATTTAAATCTTTTATCTAAGGCGAG
hGH-F	CTCGCCTTAGATAAAAAGATTCCCAACCATTCCCTTA
hGH-R	CACTCCGTTCAAGTCGACCTAGAAGCCACAGCTGC
KmEPG-F	CTCGCCTTAGATAAAAAGATCTCCATTGGAAAAGAG
KmEPG-R	CACTCCGTTCAAGTCGACTTAACAGAAGGCTCCGC
LNK40	GGCCGCCTCGGCCTCTGCTGGCCTCGCCTTAGATAAAAAGA
GT50R	GTCATTATTAATATATATATATATATATTGTCACTCCGTTCAAGTCGAC

---

6

7