Supplemental Table S4: Reference number and description of plasmids used in this study.

| Strain #   | Derived from | Description                                                                 | Source or reference                          |
|-----------|--------------|-----------------------------------------------------------------------------|----------------------------------------------|
| pH414-2   |              | contains full length Tf1-neo                                                | Levin et al., EMBO Journal vol. 12 no. 12 pp. 4885 - 4895, 1993 |
| pH692     |              | contains the fragment neo -Al that can be excised with BamHI from pNG54     | D. Voytas                                   |
| pH1288    |              | empty plasmid, contains leu selective marker                                | Balasundaram et al., Mol. Cell. Biol. 1999, 19(8):5768 |
| pH2944    |              | plasmid library containing Tf1-neo tagged with Serial Number, under nmt1 promoter | Chatterjee et al., Nucleic Acids Res. 2014 Jul;42(13):8449-60 |
| pH2976    |              | contains upstream and downstream sections of Tf1-neo flanked by 500bp upstream and downstream of the integration site at Chr. II 3607268 (-) in the intergenic region mok13-zrt1 | This study                                  |
| pH2978    | pH2976; pH414-2 | contains the full length of Tf1-neo flanked by 500bp sections of the integration site at Chr. II 3607268 (-) in the intergenic region mok13-zrt1 | This study                                  |
| pH3010    |              | contains upstream and downstream sections of Tf1-neo flanked by 500bp upstream and downstream of the integration site at Chr.I 678437 (-) in the intergenic region tsc1-rgs1 | This study                                  |
| pH3019    | pH3010; pH414-2 | contains the full length of Tf1-neo flanked by 500bp sections of the integration site at Chr.I 678437 (-) in the intergenic region tsc1-rgs1 | This study                                  |