**Table S4**

|  |  |
| --- | --- |
| Short-hand name | Strain name |
| λnull | ZHX105 |
| λΔ*OL* | ZHX106 |
| λWT | ZHX107 |
| λ*OR*3– | ZHX107r1 |
| λ*OL*3– | ZHX107OL34 |
| λCIG147D | ACL049 |
| λCIG147D/*cIG147D,trans* | ACL050 |
| λΔ*OLPRM*–*cI*– | ACL007b |
| λΔ*OLPRM*–*cI*–/*cI*trans | ACL011 |