| Strain  | Characteristics                                                                 | Reference/source |
|---------|----------------------------------------------------------------------------------|-------------------|
| **Streptococcus salivarius** |                                                                                  |                   |
| HSISS4  | Wild-type gastro-intestinal tract isolate                                         | (1)               |
| AK0004  | HSISS4  iRNA
| | thr::P_{comX-luxAB-spec}                                                        | (2)               |
|         | tRNA
| | lacI::P_{comX-luxAB-lox72}                                                       |                   |
| AK0033  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | (2)               |
|         | tRNA
| | ser::P_{xyl2-comR-cat}                                                           |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0046  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | (3)               |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0065  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0066  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0067  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0068  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0069  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0070  | HSISS4  tRNA
| | thr::P_{lac-dcas9-lox72}                                                         | This work         |
|         | tRNA
| | ser::P_{lac-dcas9-lox72}                                                         |                   |
|         | tRNA
| | thr::P_{F6-lacZ-spclox72}                                                         |                   |
| AK0071 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_35(HSIS4<sub>_01302</sub>)-erm  
|         | This work |
| AK0072 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_26(gpmB-dacB-mur3)-erm  
|         | This work |
| AK0073 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_37(clpC)-erm  
|         | This work |
| AK0074 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_38(clpC)-erm  
|         | This work |
| AK0075 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_39(pepF)-erm  
|         | This work |
| AK0076 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_41(pepXP)-erm  
|         | This work |
| AK0077 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_42(carB)-erm  
|         | This work |
| AK0078 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_43(IG664598)-erm  
|         | This work |
| AK0079 | HSISS4 tRNA<sub>th</sub>::P<sub>lacI</sub>-lox72  
|         | tRNA<sub>ol</sub>::P<sub>dcas9</sub>-lox72  
|         | tnpII::P<sub>comX</sub>-luxAB-lox72  
|         | SUC::P<sub>siz</sub>-comR-lox72  
|         | GOR::P<sub>r,g</sub>_44(pepXP)-erm  
|         | This work |
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