

Sequencing Primer List

| Primer# | Primer name | Primer sequence | What it is good for | T _m |
|---------|-------------|--------------------------------|---|----------------|
| 12 | Universe | GTT GTA AAA CGA CGG CCA GT | Binds to M13universe primer site | 57°C |
| 1 | Reverse | ACA CAG GAA ACA GCT ATG AC | Binds to M13reverse primer site | 55°C |
| 3 | pGEXforw | GGG CTG GCA AGC CAC GTT TGG TG | pGEX specific sequencing primer, forward | 57°C |
| 4 | pGEXbackw | CCG GGA GCT GCA TGT GTC AGA GG | pGEX specific sequencing primer; backward | 57°C |
| 5 | PSS-3 | AGA GAG AGA TAG ATT TGT AGA GA | 3' primer for pSS vector | 47°C |
| 6 | PSS-5 | ATC CTT CGC AAG ACC CTT CCT CT | 5' primer for pSS vector | 55°C |
| 7 | fpUC | CGC CAG GGT TTT CCC AG | sequencing of pUC, same direction as universe | 57°C |
| 8 | rpUC | GGA ATT GTG AGC GGA TAA C | sequencing of pUC, same direction as reverse | 55°C |
| 9 | pHEN5' | GGA GAC AGT CAT AAT GAA ATA CC | pHEN specific sequencing primer, forward | 58°C |
| 10 | pHEN3'back | GAC GTT AGT AAA TGA ATT TTC | pHEN specific sequencing primer; backward | 52°C |
| 11 | T7-17mer | AAT ACG ACT CAC TAT AG | T7-promotor region specific primer | 45°C |
| 11* | T7* | TAT GCT AGT TAT TGC TCA G | T7-promotor region specific primer | 52°C |
| 12 | T7-term | GCT AGT TAT TGC TCA GCG G | T7-terminator region specific primer | 46°C |
| 13 | T3 SP6 | ATT TAG GTG ACA CTA TAG | SP6-promotor region specific primer | 46°C |
| 14 | T3 | AAT TAA CCC TCA CTA AAG GGA | T3-promoter region specific primer | 54°C |
| 16 | pET22b | GAA GGA GAT ATA CAT ATG AA | pET22 specific sequencing primer | 49°C |

All primers are available on simple request in a 30µL aliquot [10pmol/µL].