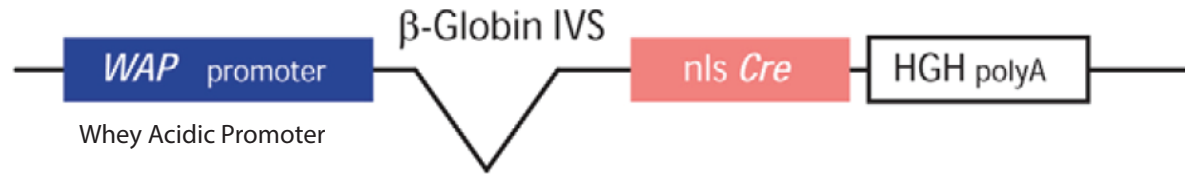


Wap Cre



Derksen P. et al., Dis Model Mech 2011

Wap-Cre PCR:

Primer 1: Wap-fwd: 5'- ACA GCC ATC AGT CAC TTG CC -3'
Primer 2: Cre-rev: 5'- CAT CAC TCG TTG CAT CGA CC -3'

PCR reaction:

| | |
|---------------------------|--------------|
| - DNA | 1 μ l |
| - PCR buffer 10x | 2 μ l |
| - dNTPs 2mM | 2 μ l |
| - MgCl ₂ 50 mM | 1 μ l |
| - Wap-fwd 10 uM | 1 μ l |
| - Cre-rev 10 uM | 1 μ l |
| - Taq | 0.2 μ l |
| - H ₂ O | 11.8 μ l |

PCR program:

| | | |
|----|--------|---------|
| 1. | 94°C | 05:00 |
| 2. | 94 °C | 00:30 |
| 3. | 58 °C | 00:30 |
| 4. | 72 °C | 00:50 |
| 5. | goto 2 | 29x |
| 6. | 72 °C | 10:00 |
| 7. | 12 °C | forever |

Bands:

Transgene: 432 nt.
Wild-type: -