

# Generation of gRNA cassettes for USER cloning

Integration of one gRNA-expression cassette



Integration of two gRNA-expression cassettes



Integration of three gRNA-expression cassettes



Integration of four gRNA-expression cassettes



Primers for amplification of gRNA expression cassettes:

**P1F** - CGTGGCAUagggaaacaaaagctggagct

**P1R** - CAAGCGAUtaactaattacatgactcga

**P2F** - AGTGCAGGUagggaaacaaaagctggagct

**P2R** - ACCTGCACUtaactaattacatgactcga

**P3F** - ATCTGTCAUagggaaacaaaagctggagct

**P3R** - ATGACAGAUsaataattacatgactcga

**P4F** - AGCTTGAGUagggaaacaaaagctggagct

**P4R** - ACTCAAAGCUtaactaattacatgactcga

