**Common used primer in Xin Chen's lab**

Zhong Xu, January 2018

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| **Vector** **ackbone** | **Vector primer** | **primer need premix** |
| **pENTR** | F: 15 attL1.APCCTTTTTGCGTTTCTACA | pENTR-F: CTACAAACTCTTCCTGTTAGTTA |
| R: 16 attL2GTAACATCAGAGATTTTGAGACAC | pENTR-R: GTAACATCAGAGATTTTGAGACAC |
| **pT3EF-1a** | F: 33 EF-1a forward TCAAGCCTCAGACAGTGGTTC | pT3EF-1aH-F: GAGTTTGGATCTTGGTTCATTC |
| R: 119 pcDNA3.1BGHRev TAGAAGGCACAGTCGAGG | pT3EF-1aH-R: TAGAAGGCACAGTCGAGG |
| **PT3EF-5a** | F: 207 T7 TAATACGACTCACTATAGG | pT3EF-5a-F: TACCGAGCTCGGATCCACTAGT |
| R: 119 pcDNA3.1BGHRev TAGAAGGCACAGTCGAGG | pT3EF-5a-R: AATGACACCTACTCAGAC |
| **pLENTI** | F: 126 PCMV5F ATGGGCGGTAGGCGTGTA | pLENTI-CMV-F: CGCAAATGGGCGGTAGGCGTG |
| R: 195 pWPTRevCATTAAAGCAGCGTATCC |  |
| **pLKO** |  | LKO.1 5' F:GACTATCATATGCTTACCGT |
|  | pLKO-F: AAACCCAGGGCTGCCTTGGAAAAG |
| **PX330** | F: 212 TempTest1CGGCCTTTTTACGGTTCCTG | U6seqF: ACTATCATATGCTTACCGTAAC |
| R: 54 f-xa.PCCAAGTGGGCAGTTTACC |  |
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