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| Construct | NCBI | Primers  | Primers sequence | Comment |
| pSCT1 |  |  |  | Langmesser et al 2008. |
| pSCT1mPer2 | NM\_011066 |  |  | Langmesser et al 2008 |
| pSCT1mPer2 S-G | NM\_011066 | Per2 S-G FWPer2 S-G RW | 5’-gacagcctttcgattatggtcccattcgcac-3’5’gtgcggaatcgaatgggaccataatcgagtc-3’ | Mutation of aa serine 394into glicine |
| pSCT1mPer2-V5 | NM\_011066 |  |  | Schmutz et al., 2010 |
| pSCT1 ΔPasA mPer2 -V5 | NM\_011066 |  |  |  |
| pSCT1 ΔPasB mPer2 -V5 | NM\_011066 |  |  |  |
| Gex-4T PER2 1-576 | NM\_011066 | Per2 1-576 FWPer2 1-576 RW | 5’-ggtcgacatgaatggatacgtgga-3’5’-gctcgagataggctagttcctc-3’ | Per2 fragment pcr product was subcloned in TOPO vector and subsequently moved into Gex-4T and inserted in the MCS using SalI/XhoI restriction sites |
| Gex-4T PER2 577-1256 | NM\_011066 | Per2 577-1256 FWPer2577-1256 RW | 5’-ggtcgacaagaaccagcctccttg-3’3’-gctcgagcgtctgggcctctat-3’ | Per2 fragment pcr product was subcloned in TOPO vector and subsequently moved into Gex-4T and inserted in the MCS using SalI/XhoI restriction sites |
| Gex4t Per2 1-576 S-G | NM\_011066 | Per2 S-G FWPer2 S-G RW | 5’-gacagcctttcgattatggtcccattcgcac-3’5’gtgcggaatcgaatgggaccataatcgagtc-3’ | Mutation of aa serine 394 into glicine |
| Gex4t Per2 1-576 S-D | NM\_011066 | Per2 S-G FWPer2 S-G RW | 5’-gacagcctttcgattatgatcccattcgcac-3’5’gtgcggaatcgaatgggatcataatcgagtc-3’ | Mutation of aa serine 394 into aspartic acid |
| pSCT1 CDK5-HA | NM\_007668 | Cdk5 (I) FWCdk5 (I) RW | 5’-gccaccggtatgcagaaatacgag–3’5’-gccggatcctgggggacaga-3’ | CDK5 pcr product was subcloned in TOPO vector and subsequently moved into PSCt-1 HA and inserted in the MCS using AgeI/BamHI restriction sites |
| pSCT1 CDK5-HIS | NM\_007668 | CDK5 HIS FW CDK5 HIS RW | 5’-gggcatatgcagaaatacgacaac-3’5’-gggatccctatgggggacagaa-3’ | CDK5 pcr product was subcloned in TOPO vector and subsequently moved into pet-15b and inserted in the MCS using NdeI/ BamHI restriction sites |