Table S2. Primers for molecular cloning.

| Primer Sequence | Primer Name |
| --- | --- |
| ggtaccgagctcggatcctggccaccATGGATTACAAGGATGACGACGATAAGGGCAGCGATTTCCCATCTTGCAGATGTGTAG | TET2 Cys-rich F |
| tgacactatagaatagggccctctagatgcatgctcgagctaAAGCAGCTTAAACTTCCTTGGG | TET2 Cys-rich R |
| ggtaccgagctcggatcctggccaccATGGATTACAAGGATGACGACGATAAGGGCAGCGGGGATGACCCAAAAGAGGAAG | TET2 DSBH1 F |
| tgacactatagaatagggccctctagatgcatgctcgagctaGGAGGAAAGCTTTTCAGCTGC | TET2 DSBH1 R |
| ggtaccgagctcggatcctggccaccATGGATTACAAGGATGACGACGATAAGGGCAGCCTGGAGAACAGCTCAAATAAAAATGAAAAG | TET2 LCI F |
| tgacactatagaatagggccctctagatgcatgctcgagctaGTTGTCCTCTGCACCAGAAGC | TET2 LCI R |
| ggtaccgagctcggatcctggccaccATGGATTACAAGGATGACGACGATAAGGGCAGCGATGAGGTCTGGTCAGACAGC | TET2 DSBH2 F |
| tgacactatagaatagggccctctagatgcatgctcgagctaTATATATCTGTTGTAAGGCCCTGTGACC | TET2 DSBH2 R |
| tgacactatagaatagggccctctagatgcatgctcgagctaGCCATACTTTTCACACTCTTCCTC | TET2 DSBH2-N R |
| ggtaccgagctcggatcctggccaccATGGATTACAAGGATGACGACGATAAGGGCAGCCCAGACTATGTGCCTCAGAAATCC | TET2 DSBH2-C F |
| catggtggccaggatccgagctcgg | pCDNA3 Rev |
| ctcgagcatgcatctagagggcccta | pCDNA3 For |