|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Peptide #**  | **Protein** | **Expected size of alt mRNA** | **frameshift** | **Predicted NMD** | **Primer** |
| 14 | NF1 | + 14 | YES | YES | Forw: 6-FAM-AATCAGGAGAAAATTGGGCAGT Reverse: AGTGTTGCCATCTTATCAAAAGG |
| 17 | ATP8B2 | + 20 | YES | YES | Forw: 6-FAM-GTGCTGCGAAACACCGAG Reverse: AAAATCCAGAGCACCAGGGT |
| 18 | USP39 | + 40 | YES | YES | Forw: 6-FAM-TCTCCCTCTCACACATCAATG Reverse: GTGTGGAGGTTGAGGAAAACA |
| 26 | NET1 | + 22 | YES | NO | Forw: 6-FAM-GGACCCCAGAATCGAAGCG Reverse CCGTTCGTTCCGTGTGAC |
| 37 | MAPK81P2 | + 16 | YES | NO | Forw: 6-FAM-CACGTCTTTGTCTCCCAGGA Reverse: CCGTTCGTTCCGTGTGAC |

**Sup table** **8** : List of the alternative mRNA junctions quantified using fluorescent primers and capillary electrophoresis.