## Supplementary table 3.

| Name       | Target | Oligonucleotide sequence | Oligonucleotide type | Sequence length | Species         | Tm (°C) |
|------------|--------|--------------------------|----------------------|-----------------|-----------------|---------|
| PURPL-ASO-1| PURPL  | CTGatattccgagcCG         | gapmer               | 16              | Homo sapiens    | 68.9    |
| PURPL-ASO-2| PURPL  | GCACaacattagtcgGT        | gapmer               | 18              | Homo sapiens    | 69.3    |
| PURPL-ASO-3| PURPL  | CGggtatttaagtTTAG        | gapmer               | 18              | Homo sapiens    | 66.9    |
| p53-ASO    | TP53   | CCAAatactatacgTC         | gapmer               | 17              | Homo sapiens    | 63.0    |
| CTL-ASO    | Scrambled | CGAatagttgtaGCG         | gapmer               | 16              | Homo sapiens    | 63.8    |