### Supplemental Table 6. sgRNAs used in this study

| Target   | sg | Target sequence                      |
|----------|----|--------------------------------------|
| SIRT1    | 1  | TCG TAC AAG TTG TCG GCC AG           |
| SIRT1    | 2  | CAG ATT AGT AGG CGG CTG GA           |
| SIRT1    | 3  | TAC CCA GAA CAT AGA CAC GC           |
| ACIN1    | 1  | GAG TTC TGA GTG GTA ATC GA           |
| ACIN1    | 2  | GGT ACT CGG GTC CGT CCC GA           |
| B2M      | 1  | GAG TAG CGC GAG CAC AGC TA           |
| B2M      | 2  | CCT GAA TCT TTG GAG TAC GC           |
| BAZ1B    | 1  | AGT ATG AAG CCC GCT TGG AA           |
| BAZ1B    | 2  | ATT TGG ACG TGC AAG AGT AC           |
| BAZ1B    | 3  | AAC GGC TTC ACC AGC GGG AA           |
| BAZ1B    | 4  | AAA GGT ACA GTG AGC GCA TT           |
| PTPN6    | 1  | GGT TTC ACC GAG ACC TCA GT           |
| PTPN6    | 2  | GGA CAC CTC GGC CCT TGA GC           |
| PSIP1    | 1  | ATG ACT CGC GAT TTG AAA CC           |
| PSIP1    | 2  | AAA AGA GCC GGA TAA AAA AG           |
| SSB      | 1  | TCC TTT AGA AAC TTG TCC CG           |
| SSB      | 2  | GGA TGA AGG CTG GGT ACC TT           |
| TSN      | 1  | TGA AAT CCT TCC TCC CGA TC           |
| TSN      | 2  | AAC CTG TAA TAC TGT TCA GC           |
| XRCC6    | 1  | CTC TGC TTC TCC ATC GCC CT           |
| XRCC6    | 2  | ATC CGT GGC CCA TCA TGT CT           |