

Identification of Survival Genes in Human Glioblastoma Cells Using siRNA Screening

Nikhil G Thaker, Fang Zhang, Peter R. McDonald, Tong Ying Shun, Michael D Lewen, Ian F. Pollack, and John S. Lazo

Molecular Pharmacology

Supplementary Table S8
siRNA sequences for targeting PSMB3, PSMB4,
DDX39 and RAN.

| | | <u>Sense siRNA sequence</u> | <u>Antisense siRNA sequence</u> |
|---------------------|--------------------|-----------------------------|---------------------------------|
| <u>PSMB4</u> | Duplex A | GCUAUAGUCCUAGAGCUAUtt | AUAGCUCUAGGACUUAUAGCtg |
| | Duplex B | GCUAUUCAUUCAUGGCUGAtt | UCAGCCAUGAAUGAAUAGCtc |
| | Duplex C | GAUGGACACAGCUAUAGUCtt | GACUAUAGCUGUGUCCAUCtc |
| <u>PSMA3</u> | Duplex A | GCUAUUGGAAUCAGAUGCAtt | UGCAUCUGAUUCCAAUAGCtg |
| | Duplex B | GAUGCUCGUUCUUUAGCAGtt | CUGCUAAGAAGACGAGCAUCtg |
| | Duplex C | GGCUGUGGAAAUAUAGUAGUtt | ACUACUAUUUCCACAGCctt |
| <u>DDX39</u> | Duplex A | GGGAUCCUACGUUUCCAUCtt | GAUGGAAACGUAGGAUCCctt |
| | Duplex B | GGUCCAGCAUGAGUGCAUUt | AAUGCACUCAUGCUGGACctc |
| | Duplex C | GGAUGAAGAAGUGUUGAAGtt | CUUCAACACUUCUUAUCctt |
| <u>RAN</u> | Duplex A | CGCAGUUGAUUCCUUGAGUtt | ACUCAAGGAAUCAACUGCGtc |
| | Duplex B | GCUCAUUGGAGACCCUAActt | GUUAGGGUCUCCAAUGAGCtt |
| | Duplex C | CCGAAAGAAGAAUCUUCAGtt | CUGAAGAUUCUUCUUCGGtg |