

**S4 Table.** Neuroblastoma cell drug sensitivity as indicated by drug concentrations that reduce cell viability by 50 % ( $IC_{50}$ ) or 90 % ( $IC_{90}$ ) determined after 120 h of incubation by MTT assay.

|                              | SK-N-AS             |                   | SK-N-AS'OXALI <sup>4000</sup>         |                          | SK-N-AS'OXALI <sup>4000(-)</sup> |                          |
|------------------------------|---------------------|-------------------|---------------------------------------|--------------------------|----------------------------------|--------------------------|
| drug                         | $IC_{50}$           | $IC_{90}$         | $IC_{50}$                             | $IC_{90}$                | $IC_{50}$                        | $IC_{90}$                |
| oxaliplatin<br>( $\mu$ g/mL) | $0.0092 \pm 0.0030$ | $0.048 \pm 0.004$ | $7.68 \pm 1.81$<br>(835) <sup>1</sup> | $37.1 \pm 13.2$<br>(774) | $4.48 \pm 1.58$<br>(487)         | $24.4 \pm 7.9$<br>(509)  |
| cisplatin<br>( $\mu$ g/mL)   | $0.030 \pm 0.007$   | $0.193 \pm 0.070$ | $1.00 \pm 0.09$<br>(33)               | $2.25 \pm 0.29$<br>(12)  | $1.37 \pm 1.01$<br>(46)          | $2.57 \pm 0.90$<br>(13)  |
| carboplatin<br>( $\mu$ g/mL) | $0.121 \pm 0.020$   | $1.24 \pm 0.75$   | $7.02 \pm 0.69$<br>(58)               | $14.7 \pm 1.4$<br>(12)   | $10.3 \pm 5.7$<br>(85)           | $20.0 \pm 10.8$<br>(16)  |
| doxorubicin<br>(ng/mL)       | $18.6 \pm 3.9$      | $37.7 \pm 15.3$   | $7.81 \pm 0.54$<br>(0.4)              | $19.1 \pm 4.1$<br>(0.5)  | $6.9 \pm 0.4$<br>(0.4)           | $16.1 \pm 5.5$<br>(0.4)  |
| gemcitabine<br>(ng/mL)       | $1.36 \pm 0.44$     | $2.60 \pm 0.57$   | $0.62 \pm 0.16$<br>(0.5)              | $0.97 \pm 0.34$<br>(0.4) | $1.27 \pm 0.08$<br>(0.9)         | $1.82 \pm 0.33$<br>(0.7) |

<sup>1</sup> fold change relative to SK-N-AS