

**Table S3. Figure 4 Tests**

<u>Cell Line</u>	<u>R<sup>2</sup> for full model</u>	<u>Overall Test</u>	<u>Individual Comparisons</u>		
			<u>XPC siRNA vs NSC</u>	<u>XPC siRNA vs Mock</u>	<u>NSC vs Mock</u>
A2780	0.995	(32.9, 6, <2.2 x 10 <sup>-16</sup> )	(38.1, 3, <2.2 x 10 <sup>-16</sup> )	(58.4, 3, <2.2 x 10 <sup>-16</sup> )	(2.22, 3, 0.088)
A2780/CP70	0.999	(33.4, 6, <2.2 x 10 <sup>-16</sup> )	(41.8, 3, <2.2 x 10 <sup>-16</sup> )	(56.8, 3, <2.2 x 10 <sup>-16</sup> )	(1.81, 3, 0.15)

Entries in parentheses are (F-statistic, numerator degrees of freedom, p-value)