

Appendix 5

Complementation Assay for Mutations SH2 and WD40:

Transfected plasmid	Titer	Complementation (%)
pcDNA 3 (Empty)	3.88E+04	-
WT UL9	6.63E+06	100.0
MUT SH2	3.00E+04	0.0
MUT WD40-1	1.05E+06	15.3
MUT WD40-2	6.70E+06	101.0

Volume of dilution used (ul)	# of plaques	Titer	average
200	TMTC	-	3.88E+04
200	TMTC	-	
200	76	3.8E+04	
200	79	4.0E+04	
200	162	8.1E+06	6.63E+06
200	126	6.3E+06	
200	11	5.5E+06	
200	22	1.1E+07	
200	223	1.1E+04	3.00E+04
200	20	1.0E+04	
200	1	5.0E+04	
200	0	-	
200	TMTC	-	1.05E+06
200	TMTC	-	
200	21	1.1E+06	
200	±	5.0E+05	
200	TMTC	-	6.70E+06
200	TMTC	-	
200	128	6.4E+06	
200	14	7.0E+06	

COMPLEMENTATION ASSAY MUTATIONS SH2 AND WD40

