

Timepoint = 0.5	Drugs = 0	Each Phenotype have observations 23400						
Phenotype	MiTFg	NGFR	Sox10	AXL		n = #observations	Error	Condition
Phospho_c_Fos	Low	NA	High	Low		1960	48.6	
Phospho_c_Jun	NA	High	Low	Low		1683	24.4	
Phospho_ATF2	High	High	Low	Low		753	8.9	Melanocytic
Phospho_Fra1	High	High	Low	High		1076	40.1	NA
c_Fos	High	Low	High	High		989	17.9	NA
c_Jun	Low	High	NA	Low		1529	42.5	
Fra1	NA	Low	High	High		1707	21.8	
JunD	NA	High	Low	Low		1683	22.5	
ATF2	High	Low	Low	NA		1832	21.0	
JunB	High	Low	Low	High		585	13.2	NA
Fra2	Low	High	NA	Low		1529	58.4	
ATF4	High	High	Low	NA		1829	15.3	
Phospho_ATF4	Low	High	NA	Low		1529	40.1	
Phospho_Erk1	NA	Low	High	NA		4670	1544.4	
Phospho_p38	High	High	Low	Low		753	6.6	Melanocytic
Ki_67	Low	High	NA	Low		1529	69.7	
NF_kappaB	Low	Low	High	High		718	5.7	NA
Undifferentiated	Low	Low	Low	High				
Neural crest-like	Low	High	High	High				
Transitory	High	High	High	Low				
Melanocytic	High	High	Low	Low				
Timepoint = 0.5	Drugs = 1	Each Phenotype have observations 23400						

Phenotype	MiTFg	NGFR	Sox10	AXL		n = #observations	Error	Condition
Phospho_c_Fos	Low	NA	High	Low		1663	36.9	
Phospho_c_Jun	NA	Low	High	High		1745	23.1	
Phospho_ATF2	High	High	Low	Low		745	9.4	Melanocytic
Phospho_Fra1	Low	Low	High	High		793	24.7	NA
c_Fos	High	NA	Low	High		1620	31.7	
c_Jun	Low	High	NA	Low		1566	38.6	
Fra1	NA	High	Low	Low		1680	21.6	
JunD	NA	High	Low	Low		1680	23.2	
ATF2	Low	High	High	Low		631	7.3	NA
JunB	Low	Low	High	Low		1032	26.3	NA
Fra2	High	Low	NA	High		1530	52.4	
ATF4	High	High	Low	NA		1787	15.5	
Phospho_ATF4	High	Low	NA	High		3140	37.7	
Phospho_Erk1	NA	High	Low	Low		1680	561.8	
Phospho_p38	Low	High	High	Low		631	5.7	NA
Ki_67	Low	High	NA	Low		1566	72.7	
NF_kappaB	High	Low	Low	High		578	5.0	NA
Timepoint = 0.5 Drugs = 0 and 1 Each Phenotype have observations 46850								
Phenotype	MiTFg	NGFR	Sox10	AXL		n = #observations	Error	Condition
Phospho_c_Fos	Low	NA	High	Low		3388	81.9	
Phospho_c_Jun	NA	Low	High	High		3447	47.9	
Phospho_ATF2	High	High	Low	Low		1540	18.7	Melanocytic
Phospho_Fra1	Low	Low	High	High		1523	47.5	
c_Fos	High	Low	High	High		1924	35.7	

c_Jun	High	Low	NA	High		3103	87.4	
Fra1	NA	Low	High	High		3447	44.2	
JunD	NA	High	Low	Low		3374	45.3	
ATF2	High	High	Low	NA		3685	42.2	
JunB	High	High	Low	Low		1540	38.8	Melanocytic
Fra2	Low	High	NA	Low		3058	111.6	
ATF4	High	High	Low	NA		3685	31.8	
Phospho_ATF4	Low	High	NA	Low		3058	77.6	
Phospho_Erk1	NA	High	Low	Low		3374	1106.5	
Phospho_p38	High	High	Low	Low		1540	13.8	Melanocytic
Ki_67	Low	High	NA	Low		3058	141.6	
NF_kappaB	Low	High	High	Low		1224	10.6	
Undifferentiated	Low	Low	Low	High				
Neural crest-like	Low	High	High	High				
Transitory	High	High	High	Low				
Melanocytic	High	High	Low	Low				