

Supplementary Table 1

	Mutation status	Phenotypic state
<i>Cell line</i>		
1205Lu	BRAFV600E	Dedifferentiated
501Mel	BRAFV600E	Melanocytic
<i>Short-term patient-derived cell</i>		
MM029	BRAFV600E	Dedifferentiated
MM099	BRAFV600E	Dedifferentiated
MM074	BRAFV600E	Intermediate/Transitory
MM034	BRAFV600E	Melanocytic
MM165	NRASQ61L	Dedifferentiated
MM047	NRASQ61L	Dedifferentiated
MM057	NRASQ61L	Intermediate/Transitory
MM001	NRASQ61L	Melanocytic