

Cell line	GENETIC BACKGROUND	MGMT fmol/μg DNA	MGMT molecules/cell	MGMT STATUS
Mel-juso	mutNRAS	n.d.	~0	deficient
WM1361	mutNRAS	4.4	~8000	proficient
MM485	mutNRAS	n.d.	~0	deficient
WM852	mutNRAS	n.d.	~0	deficient
SKMEL2	mutKRAS	12.8	~23300	proficient
D10	mutBRAF	13.1	~23800	proficient
WM266.4	mutBRAF	n.d.	~0	deficient
501MEL	mutBRAF	6.6	~12000	proficient
WM9	mutBRAF	n.d.	~0	deficient
WM98	mutBRAF	n.d.	~0	deficient
A375P	mutBRAF	5.6	~10200	proficient
MCF7	(positive control)	8.8	~16000	proficient

Supplementary Table 2. MGMT status of a panel of 10 melanoma cell lines

MGMT activity in 5 mutBRAF and 5 mutNRAS melanoma cell lines. Exponentially growing cells were harvested, gDNA was isolated and the presence of MGMT activity as well as the concentration of MGMT was determined. N.d.: not detectable.