

Supplementary Table 1. STR profile of each cell line

Locus	SK-MEL-28		HMT- II		MM		G361		C32TG		
D3S1358	16	18	14	15	15		11	16	14	17	
TH01	7		6	9	9		7	9	9.3		
D21S11	28	29	29		29	31	29	30	29	34.2	
D18S51	12	16	15		12	13	15	16	12	15	
Penta_E	8	12	5	21	15	23	10	14	12		
D5S818	12	13	12		10	12	11		11	12	
D13S317	11	12	11		11	13	11		12		
D7S820	9.3	10	8	14	11		8	11	9	11	
D16S539	9	12	11		10		15		11	12	
CSF1PO	10	12	13		12	13	10		11	12	
Penta_D	9	10	11		9	11	9	10	11	9	13
AMEL	X	Y	X		X		X		X	Y	
vWA	18	19	16	17	14	18	15	17	14	19	
D8S1179	12	13	10		13		12	13	13	14	
TPOX	8	12	8		11	12	8	10	9		
FGA	19		23		19		19	21	23	24	