

Supporting Information

Wang et al. 10.1073/pnas.0812401106

Table S1. Similar location of melanomas with or without *PTEN* mutations in XP patients

Melanomas	Scalp + face	Shoulder + back + abd	Upper extremity	Lower extremity	Total
With <i>PTEN</i> mut					
Number	6	6	3	18	33
% of mutated	18%	18%	9%	55%	100%
% of total	10%	10%	5%	31%	56%
Without <i>PTEN</i> mut					
Number	5	3	4	14	26
% of not mutated	19%	12%	15%	54%	100%
% of total	8%	5%	7%	24%	44%
All					
Number	11	9	7	32	59
% of total	19%	15%	12%	54%	100%

Table S2. High frequency of XP melanomas with multiple PTEN mutations

Melanomas	Number of <i>PTEN</i> mutations per melanoma				Total number of melanomas
	1	2	3	4	
All melanomas	19 (58%)	8 (24%)	5 (15%)	1 (3%)	33 (100%)
Invasive melanomas	3 (50%)	1 (17%)	2 (33%)	0 (0%)	6 (100%)