Table 4. M-FISH Analysis of metaphase chromosomes from WS cells

A. Effect of WRN Expression

Experiment 1

Cell line	Vector*	Image no.**	Translocations	Deletions	Other
AG05229	Control (29)	No aberrations			
AG05229	Control-E6E7 (23)	1		del(8p) x1	
		6	t(8;14) x1		
		13	t(12;12) x1		
		14		del(2q) x1	
				del(8p) x1	
		16	t(12;12) x1		
		18	1(16;22) x1		
AG05229	WRN (11)	No aberrations			
AG05229	WRN-E6E7 (26)	6		del(12q) x1	
		10	t(16;16) x1		
		12	t(12;19) x1		

Experiment 2

Cell line	Vector	Image no.	Translocations	Deletions	Other
AG05229	NI*** (20)	8		del(2p) x1	
		10	t(10;16) x1	del(16p) x1	
AG05229	Control (9)	No aberrations			
AG05229	Control-E6E7 (26)	5	t(X;4) x1		
		6		del(4p) x1	
				del(4p) x1	
		13	t(12,12) x1		
		19	t(17;17) x1		
			t(17;17) x1		
		21		del(1q) x1	
				del(3q) x1	
				del(6q) x1	
		23	t(1;1) x1		
		24	1(21;4;8) x1	del(1q) x1	
				del(4p) x1	
				del(5q) x1	
AG05229	WRN-E6E7 (23)	7	t(16;16) x1		
		16		del(12q) x1	

B. Effect of hTERT

Cell line	Vector	Image no.	Translocations	Deletions	Other
AG05229	NI (19)	7	t(1;4) x1		
AG05229	Control (19)	6	t(6;21) x1		
AG05229	Control-E6E7 (30)	1		del(5p) x1	
		2	t(7;18) x1		
		6	t(6;22) x1		
		7	t(5,12) x1		
		13	t(16;21) x1	del(10q) x1	
		15	t(3;10) x1 1(14;3;Y) x1		
		16		del(7q) x1	
		17		del(7q) x1	
		18			dup(2q) x1
		20		del(6p) x1	dup(11) x1
		23			i(17p) x1
		24	t(3;21) x2	del(5q) x1	
AG05229	hTERT (18)	No aberrations			
AG05229	hTERT-E6E7 (27)	2	t(5;X;6) x1 t(X;6) x1 1(X;5) x1		
		12		del(3) x1	

Cell line	Vector	Image no.	Translocations	Deletions	Other
AG03141	NI (19)	5		del(4) x2	
		13		del(10q) x1	
AG03141	Control (20)	9	t(1;12) x1 t(1;20) x1 t(4;18) x1 t(11;17) x1 t(12;19) x1 t(16;20) x1	del(2) x1 del(16p) x1 del(17p) x1 del(18) x1 del(19) x1	
		16		del(4) x1	
AG03141	Control-E6E7 (30)	2	t(20;22) x1		
		3	t(9;9;19) x1		
		4		del(20) x1	
		7	t(13;21) x1		
		8	t(13;22) x1		
		9	t(1;7) x1		
		13	t(9;20) x1 t(19;9;20) x1		
		18		del(11) x1	
		21	t(18;19) x1 t(22;22) x1		
		24	t(5;19) x1		
		26	t(2;19) x2 t(3;22) x1	del(3) x1	
		27	t(8;22) x1		
AG03141	hTERT (30)	4			18 x3
		7	t(X;12) x1	del(12p) x1	
		23		del(9q) x1	
AG03141	hTERT-E6E7 (15)	3			dup (3)

*Number of metaphases analyzed is indicated in brackets.

**Each image represents a specific metaphase analyzed by M-FISH. The aberrant chromosomes of this image have been listed here.

***Not infected