

		1	2	3	4	5	6	7	8	9
A	Capture possible	N	N	Y	Y	Y	Y	Y	Y	Y
B	Permanent stone after capture in local-1			Y	Y	N	N	N	N	N
C	Permanent stone after capture in local-2\1					Y	Y	Y	N	N
D	Permanent stone after capture in local-2					N	N	Y*)	N	Y*)
E	Is two-eye-formation	Y	N	Y	N	Y	N		N	
H	J2003-uncapturable	Y	N							
I	J2003-capturable-1			Y	N					
J	J2003-capturable-2					Y	N		N	
K	J2003-capturable-2\1					Y	N		N	
L	J2003-alive	Y	N	Y	N	Y	N		N	
M	J2003-alive (using local-2\1)	Y	N	Y	N	Y	N		N	

*) Y is not possible, interferes with B

Your fear materialises in the crossing of E and 5 / 6, so let's have a more detailed view.

		5/6			
A	Capture possible	Y			
B	Permanent stone after capture in local-1	N			
C	Permanent stone after capture in local-2\1	Y			
D	Permanent stone after capture in local-2	N			
		11	12	13	14
F	String is single stone	Y	Y	N	N
G	Successor is eye-point in local-1	Y	N	N	Y*)
E	Is two-eye-formation	Y	N	N	
J	J2003-capturable-2	Y	N	N	
K	J2003-capturable-2\1	Y	N	N	
L	J2003-alive	Y	N	N	
M	J2003-alive (using local-2\1)	Y	N	N	

*) Y is not possible, interferes with B

A coexistence of capturable-1 and capturable-2 may be possible somehow (not in the structure above), but is irrelevant anyway.
The scope of evaluation is restricted by E "Is two-eye-formation".