

Detailed description of Figure 6: This figure is a 12x8 grid representing the localization of C-terminal epitopes of p53 protein. The columns are numbered 1 through 12, and the rows are labeled A through H. Each cell contains a colored circle indicating the localization status of a specific epitope. Green circles indicate localizations previously reported by other groups. Red circles indicate new localizations found in this study. Blue circles indicate specific mutations: C11R1 (green circle at row D, column 4), C89S (red circle at row E, column 9), C94S (red circle at row F, column 10), R248G (red circle at row G, column 12), and R273G (red circle at row H, column 12). White circles are present at (D, 10), (D, 11), (D, 12), (E, 10), (F, 11), (F, 12), (G, 9), (H, 10), (H, 11), and (H, 12).

	1	2	3	4	5	6	7	8	9	10	11	12
A	Green	Green	Green	Green	Green	Green	Green	Green	Green	Blue	Blue	Blue
B	Green	Green	Green	Green	Green	Green	Green	Green	Green	Blue	C11R1	Blue
C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Blue	Blue	Blue
D	Green	Green	Green	Green	Green	Green	Green	Green	Green	White	White	White
E	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red
F	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	C89S	Red
G	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red
H	Green	Green	Green	Green	Green	Green	Green	Green	Green	White	White	White

Figure 1 shows a 12x8 grid of circles. The columns are numbered 1 to 12 at the top. The rows are labeled A to H on the left. Each circle contains a pair of numbers (row, column) in the format 'row,column'. The circles are colored: green for most, blue for C1R1 (row C, column 10), red for C1R2 (row C, column 12), and white for C2R1 (row D, column 10), C2R2 (row D, column 11), and C2R3 (row D, column 12). The text 'C1R1' is placed near the blue circle at (C, 10).

	1	2	3	4	5	6	7	8	9	10	11	12
A	1	2	3	4	5	6	7	8	9	10	11	12
B	1	2	3	4	5	6	7	8	9	10	11	12
C												
D	1	2	3	4	5	6	7	8	9	10	11	12
E	1	2	3	4	5	6	7	8	9	10	11	12
F	1	2	3	4	5	6	7	8	9	10	11	12
G	1	2	3	4	5	6	7	8	9	10	11	12
H	1	2	3	4	5	6	7	8	9	10	11	12

Figure 1: A 12x8 grid showing the localization of C11R1 and C14R15 single mutants. The grid has columns numbered 1 to 12 and rows labeled A to H. Red circles with numbers 1-9 represent C11R1 localization, and teal circles with numbers 1-9 represent C14R15 localization. White circles represent no localization. C11R1 is localized in rows A-G, columns 1-12. C14R15 is localized in row G, columns 1-9.