

1-Del Del Del-in DNS INS

A>C C>A G>A T>A
A>G C>G G>C T>C
A>T C>T G>T T>G

0 J/m²

Del-in + C> (1)
DNS + C> (2)

Del-in + G> (3)
(Template switching(2/3))

Del-in + G> + T> (7)
Template switching

Others (1) SNS mix (1)

C> x n (25)

G> x n (17)

50 J/m²

Del-in + C> (6)

Del-in + G> (4)

DNS + A> (3)

DNS + C> (6)

DNS + G> (1)

Others (13) SNS mix (14)

C> x n (47)

G> x n (36)

T> x 2 (1)

100 J/m²

Del-in + A> (2)

Del-in + C> (13)

Del-in + G> (8)

DNS + A> (2)

DNS + C> (14)

DNS + G> (14)

DNS + T> (2)

Others (16) SNS mix (44)

A> x2 (3)

C> x n (66)

G> x n (35)

T> x2 (3)

200 J/m²

Del-in + A> (4)

Del-in + C> (8)

Del-in + G> (18)

Del-in + T> (1)

DNS + A> (3)

DNS + C> (35)

DNS + G> (19)

DNS + T> (4)

Others (26) SNS mix (84)

A> x2 (2)

C> x n (88)

G> x n (47)

T> X2 (1)

Figure 12-figure supplement 2. The combinations of UV-induced mutation types in the *supF* gene in mammalian cells (data from selection plates, 0-200 J/m²)

Combinations of mutation sequences for each BC with multiple mutations for each UV-dose. Combinations of more than one mutation per BC are shown. Each type of mutation is indicated by a different color and the type of aberration. The number in brackets and the height of stacked horizontal bars represent the number of BCs with the mutation(s).