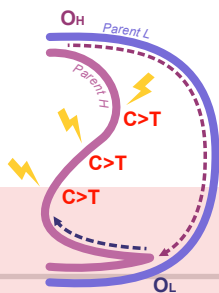


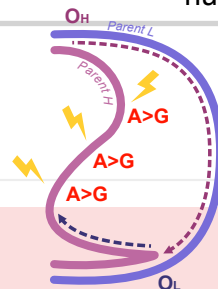
ss-DNA specific C>T

deamination of cytosine
+ BER deficiency
similar to SBS30 in the
nuclear genome



ss-DNA specific A>G

deamination of adenine
similar to SBS12 in the
nuclear genome



C_H>A_H

C_H>G_H

C_H>T_H

T_H>A_H

A_H>G_H

T_H>G_H

G_H>T_H

G_H>C_H

G_H>A_H

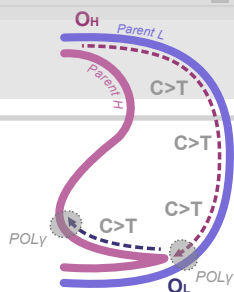
A_H>T_H

T_H>C_H

A_H>C_H

ds-DNA specific C>T

POLG mutations +
MMR absence
similar to SBS21 and
SBS44 in the nuclear
genome



ds-DNA specific mutation

replication errors, more
affecting transversions
similar to SBS5 in the nuclear
genome

