

Figure 2 displays three stacked bar charts showing the fraction of six DNA damage signatures across five taxonomic groups (Actinopteri, Amphibia, Aves, Lepidosauria, and Mammalia) for three levels of damage: HIGH, LOW, and DIFF. The legend identifies the signatures: SBS30 - BER deficiency (purple), SBS23 - Unknown (orange), SBS12 - Unknown (pink), SBS26 - MMR deficiency (yellow), SBS21 - MMR deficiency (light yellow), SBS6 - MMR deficiency (light pink), and SBS2 - APOBEC activity (red).

Level	Taxonomic Group	SBS30 - BER deficiency	SBS23 - Unknown	SBS12 - Unknown	SBS26 - MMR deficiency	SBS21 - MMR deficiency	SBS6 - MMR deficiency	SBS2 - APOBEC activity
HIGH	Actinopteri	0.45	0.25	0.15	0.05	0.05	0.05	0.00
	Amphibia	0.40	0.20	0.20	0.05	0.05	0.10	0.00
	Aves	0.35	0.25	0.25	0.05	0.05	0.10	0.00
	Lepidosauria	0.30	0.30	0.25	0.05	0.05	0.10	0.00
	Mammalia	0.35	0.25	0.25	0.05	0.05	0.10	0.00
LOW	Actinopteri	0.40	0.10	0.25	0.05	0.05	0.15	0.00
	Amphibia	0.35	0.15	0.25	0.05	0.05	0.15	0.00
	Aves	0.30	0.20	0.25	0.05	0.05	0.15	0.00
	Lepidosauria	0.25	0.20	0.25	0.05	0.05	0.20	0.00
	Mammalia	0.30	0.15	0.25	0.05	0.05	0.20	0.00
DIFF	Actinopteri	0.35	0.30	0.10	0.05	0.05	0.15	0.00
	Amphibia	0.30	0.25	0.15	0.05	0.05	0.20	0.00
	Aves	0.25	0.30	0.20	0.05	0.05	0.15	0.00
	Lepidosauria	0.20	0.35	0.15	0.05	0.05	0.20	0.00
	Mammalia	0.25	0.30	0.20	0.05	0.05	0.15	0.00

[illegible]

Figure 2 displays five genomic tracks showing the percentage of single base substitutions (SBS) for different SBS types (SBS30, SBS26, SBS44, SBS12, SBS23) across the human genome. The tracks are color-coded by mutation type: G>T (blue), G>C (black), G>A (red), A>T (grey), A>G (green), and A>C (pink). The y-axis represents the percentage of single base substitutions, and the x-axis represents the genomic position in Mb. The tracks show the distribution of mutations across the genome, with significant mutations highlighted in red. The total number of significant mutations for each SBS type is indicated on the right: SBS30 (2,914/26.5%), SBS26 (421/5.3%), SBS44 (302/3.8%), SBS12 (1,645/20.6%), and SBS23 (490/6.1%).