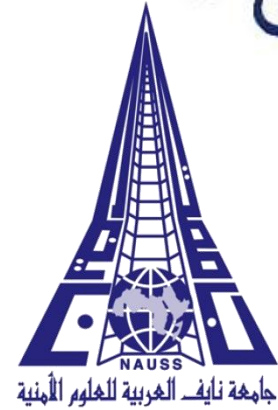


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Mitochondrial DNA mutations in Saudi patients with Multiple Sclerosis

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LIST OF ABBREVIATIONS

NO.	Abbreviation	Scientific Term
1	ATP	Adenosine triphosphate
2	BBB	Blood Brain Barrier
3	Bp	Base pairs
4	CLEC16A	C-type lectin domain family 16, member A
5	CNS	Central nerve system
6	NADH	Nicotinamide adenine dinucleotide.
7	CSF	Cerebrospinal fluid
8	Dpi	Days post immunization
9	dsDNA	Double stranded DNA
10	EAE	Experimental autoimmune encephalomyelitis
11	EBV	Epstein-Barr virus
12	ELISA	Enzyme linked immunosorbent assay
13	ExoSAP	Exonuclease I Shrimp Alkaline Phosphatase
14	ETC	Electron transport chain
15	Gd	Gadolinium
16	GWAS	Genome wide association studies
17	HLA	Human leukocyte antigen
18	HV1&2	Hypervariable regions 1&2.
19	IFN- β	Interferon-beta
20	IFN- γ	Interferon gamma
21	Ig	Immunoglobulin
22	IgG	Immunoglobulin G
23	IL-10	Interleukin 10
24	IL2R α	Interleukin 2 receptor alpha
25	IL7R α	Interleukin 7 receptor alpha gene

26	MHC	Major histocompatibility complex
27	MRI	Magnetic Resonance Imaging
28	mRNA	Messenger RNA
29	MS	Multiple sclerosis
30	mtDNA	Mitochondrial DNA
31	ND	NADH-dehydrogenase
32	NK	Natural Killer
33	NO	Nitric oxide
34	Nt	Nucleotide
35	OD	Optical density
36	OXPPOS	Oxidative phosphorylation
37	PBMC	Peripheral blood mononuclear cell
38	PCR	Polymerase chain reaction
39	PolG	Polymerase gamma
40	RA	Rheumatoid arthritis
41	ROS	Reactive oxygen species
42	RPMI	Roswell Park Memorial Institute
43	RRMS	Relapsing Remitting MS
44	rRNA	Ribosomal RNA
45	SD	standard deviation
46	SNP	Single nucleotide polymorphism
47	SPF	Specific pathogen free
48	ssDNA	single-stranded DNA
49	T1D	Type 1 diabetes
50	Th1	T helper 1
51	TNF	Tumor necrosis factor
52	TNF- α	Tumor necrosis factor alpha
53	tRNA	Transfer RNA

54	UV	Ultraviolet
55	VDR	Vitamin D Receptor