

Encoding Vector Index	Designation								
		0	1	2	3	4	5	6	7
0	Player	White	Black	–	–	–	–	–	–
1	Piece	– (Pawn)	N (Knight)	B (Bishop)	R (Rook)	Q (Queen)	K (King)	–	–
2	File	A	B	C	D	E	F	G	H
3	Rank	1	2	3	4	5	6	7	8
4	Modifications	0-0-0 (queenside castle)	0-0 (kingside castle)	X (capture)	+ (check)	# (checkmate)	= (promotion)	–	–