Parameter	Value range	Bits
Null-move use	0–1	1
Null-move reduction	0–7	3
Null-move use adaptivity	0–1	1
Null-move adaptivity depth	0–7	3
Futility depth	0–3	2
Futility threshold depth-1	0–1023	10
Futility threshold depth-2	0–1023	10
Futility threshold depth-3	0–1023	10
Multi-cut use	0–1	1
Multi-cut reduction	0–7	3
Multi-cut depth	0–7	3
Multi-cut move num	0–31	5
Multi-cut cut num	0–7	3
Check extension	0–4	3
One-reply extension	0–4	3
Recapture extension	0–4	3
Passed pawn extension	0–4	3
Mate threat extension	0–4	3
Total chromosome length		70