

## Iron is a centrally bound cofactor of specifier proteins involved in glucosinolate breakdown

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**S1 Table. Model quality of AtNSP3 evaluated with PROCHECK.** Main chain parameters comprises the overall Ramachandran plot quality, peptide bond planarity, hydrogen bond energy, bad non-bonded interactions, and G-factor. Side chain parameters comprises chi1 and chi2 dihedrals.

PROCHECK parameter	Evaluation result
Ramachandran Plot	86.8 % most favored 12.4 % additionally allowed 0.5 % generally allowed 0.3 % disallowed
Main chain parameters	5 better, 1 inside, 0 worse
Side chain parameters	5 better, 0 insider, 0 worse
Main chain Bond lengths	100.0 % within limits
Main chain bond angles	92.6 % within limits, 7.4 % highlighted
Planar groups	91.3 % within limits, 8.7 % highlighted