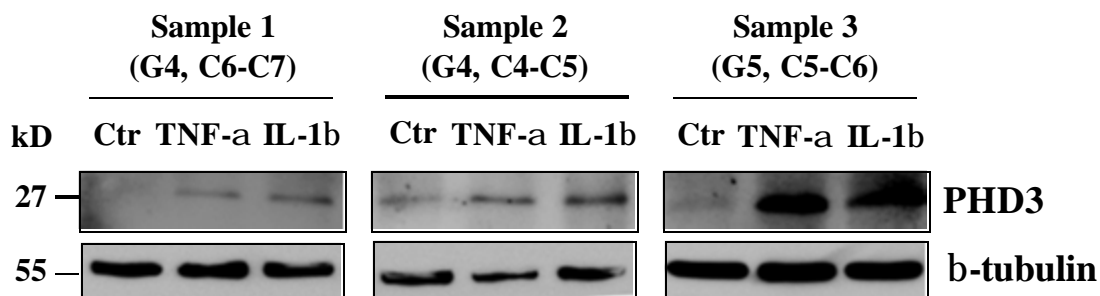


Supporting information only for review (not for inclusion in the manuscript)



Response of human NP cells to cytokine treatment. Human NP cells show induction in PHD3 levels following treatment with TNF- α and IL-1 β

Table: Human Tissues used for Cell Isolation

Pfirrmann Grade	Age (years)	Gender	Level	Pathology
G2	39	M	L5-S1	DDD
G4	60	F	C4-C5	Myelopathy
G4	64	F	C6-C7	Myelopathy
G5	60	F	C5-C6	Myelopathy

DDD: Degenerative Disc Disease

Cells isolated from minimally degenerate (G2) tissue sample are use for experiments presented in the manuscript