

Supplemental Table 3 Amino acid composition and classification of engineered PD630 (% of PD630 dry weight)

Item	Percentage
Arg	18.3
Glx	15.5
Asx	14
Met	6.3
Lys	5.1
Tyr	3.8
Cys	2.5
His	1.6
Ser	1.2
EAA	18.5
NEAA	81.5

Arg = Arginine; Glx = Glutamic acid/Glutamine; Asx = Aspartic acid/Asparagine; Met = Methionine; Lys = Lysine; Tyr = Tyrosine; Cys = Cysteine; His = Histidine; Ser = Serine; EAA = essential amino acids; NEAA = nonessential amino acids.