

# Dino Protein Guide

<u>Dino Polypeptide</u>	----->	<u>Protein's Function</u>
Asp - Glu - Tyr - Leu - Asp - Glu - Terminate		Marker protein on the surface of red blood cells
Asn - Gly - Ser - Lys - Asn - Lys - Terminate		Collagen protein fiber forming the inside frame for a tooth
Gly - Gly - Arg - Arg - Arg - Terminate		Muscle protein fiber used to "swish" the tail <sup>from</sup> side to side
Tyr - Leu - Asp - Glu - Gly - Ser - Ser - Terminate		Protein used to build the claws on the hind foot
Phe - Leu - Leu - Cys - Terminate		Gate protein used to shuttle glucose into liver cells
Iso - Ser - Leu - Leu - Leu - Terminate		Protein in retina of the eye used for night vision
Phe - Pro - Phe - His - Glu - Terminate		Channel protein in brain cells
Gly - Gly - Leu - Thr - Terminate		Hormone produced by brain cells when dino is hungry
Iso - Try - Thr - Cys - Terminate		Antibody immune system protein for protection from bacteria
Phe - Leu - Phe - His - Val - Tyr - Terminate		Muscle protein fiber in the heart muscle
Asn - Arg - Ser - Thr - Asn - Lys - Terminate		Muscle protein fiber in the stomach wall muscle
Phe - His - Phe - Gln - Terminate		Carrier protein used to concentrate oils in some skin cells
Thr - His - Thr - Ala - Ala - Terminate		Tendon protein used to connect leg muscle to leg bone
Ser - Ser - Ser - Ser - Ser - Tyr - Tyr - Terminate		Hair protein produced in skin cells above the eyes
Arg - Gly - Ser - Pro - Pro - Ser - Pro - Terminate		Hemoglobin protein used by red blood cells to carry oxygen
Iso - Ser - Leu - Met - Iso - Ser - Terminate		Digestive enzyme that breaks down sugars in the saliva
Ala - Ala - Ala - Ala - Terminate		Digestive enzyme that breaks down fats in lower intestine
Iso - Val - Val - Tyr - Val - Gly - Val - Terminate		Digestive enzyme that breaks down flesh proteins in stomach
Gly - Gly - Ser - Ser - Gly - Terminate		Taste bud protein that lines the tongue surface
Iso - Arg - Ser - Arg - Ala - Ala - Terminate		Antibiotic protein found in mucus of nasal lining