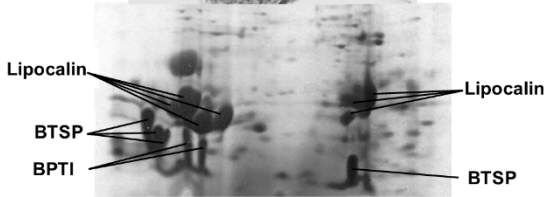


Salivary gland acini and proteomes



Major Salivary Gland Protein Families Prone to Gene Duplication

Lipocalins: 34-1132 genes per tick species. **Functions:** Histamine, Serotonin, LTB4, LTC4, TXA2 scavengers, Complement C5 inhibitors.

BPTI/Kunitz: 21-990 genes per tick species. **Functions:** Blood-clotting inhibitors, Platelet aggregation inhibitors, Trypsin inhibitors.

BTSP: 19-716 genes per tick species. **Functions:** Clotting inhibitors.

Metalloprotease: 38-991 genes per tick species. **Functions:** Fibrinogenases.