~56,000 DMP predicted DM proteins

**MEME:** 20 NB-LRR specific motifs

**MAST search** (DMPs + training sets)

MAST identified **765** DMPs containing NB-LRR specific motifs

**Conversion DMP to DMG**

MAST search on 6-frame translation and 3kb extension of DMG

**Manual Re-annotation**

**454** NB-LRR like DMG+

**MEME:** 20 NB-LRR specific motifs

**MAST search** (454 DMG+ + training sets)

**438** NB-LRR like DMG+