Cover sheet for *Mycobacterium* phage MarQuardt annotation

Karen Klyczek, UWRF 5/15/14

This phage has a lot of similarity to other A3 phages, so there was strong BLAST support for most calls.

There were 4 genes in pham 6179 (2134 members as of spring 2013) – these are small genes and a couple seemed problematic:

* Gp61 not called in the same location in other A3 phages
* Gp70 is shorter and coding potential does not really line up with orf

Gp67 is missing an extra peak of coding potential, but chosen start matches all other A3s by blastp

Thanks!