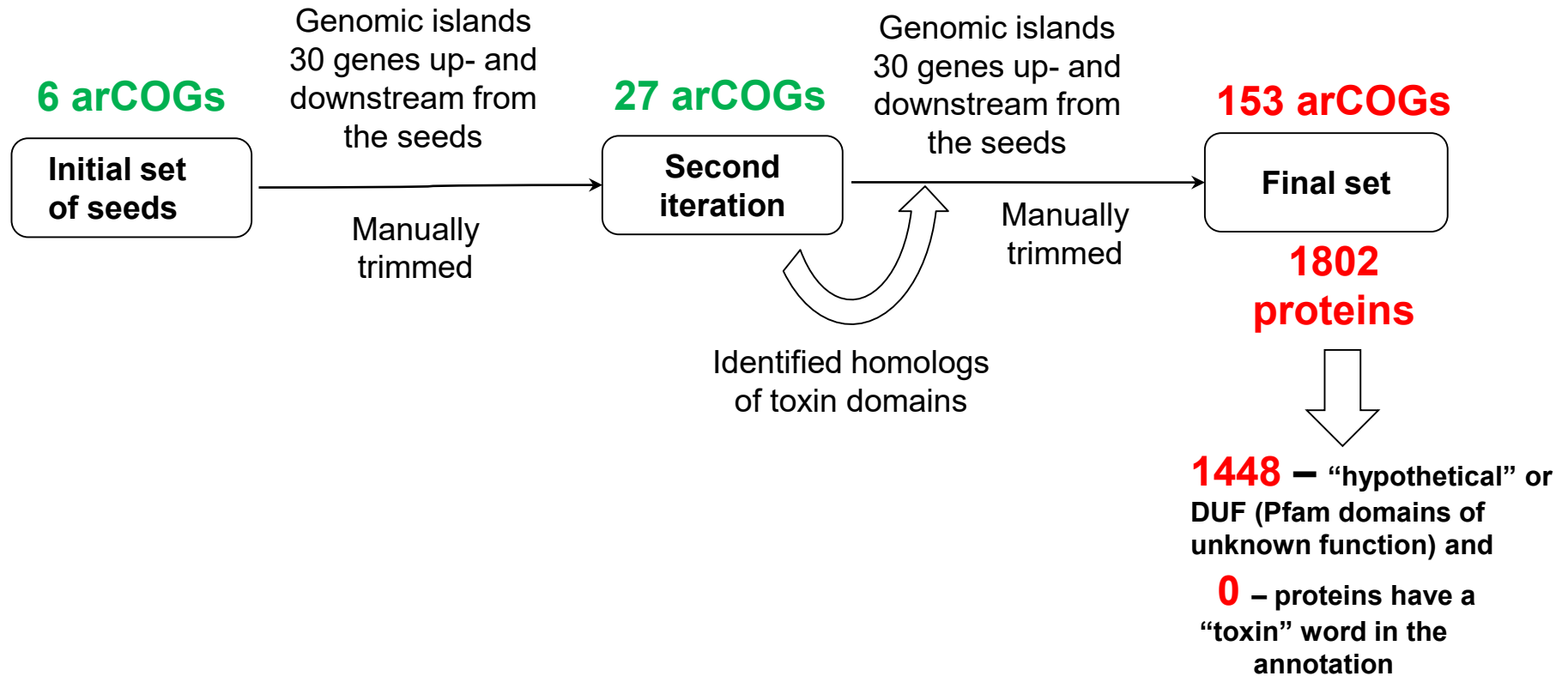


Initial 6 arCOG seeds:

arCOG12091 (COG03501)	Vgr/Rhs element, implicated in secretion of polymorphic toxins or phage assembly
arCOG10240 (COG03501)	Vgr/Rhs element, implicated in secretion of polymorphic toxins or phage assembly
arCOG12924 (COG03501)	Vgr/Rhs element, implicated in secretion of polymorphic toxins or phage assembly
arCOG11410	T4-like virus tail tube protein gp19
arCOG11413	T4-like virus tail tube protein gp19
arCOG11414	Phage tail sheath protein



Supplementary Figure S1. Iterative “guilt-by association” computational pipeline for identification of polymorphic toxin loci.