

TABLE 1. NRSP-8 BUDGET REQUEST FEDERAL FISCAL YEAR (FFY) 2014-2018.

Coordination Group	FFY2014*	FFY2015	FFY2016	FFY2017	FFY2018
Aquaculture	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Cattle	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Horse	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Poultry	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Sheep	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Swine	\$60,000	\$65,000	\$65,000	\$65,000	\$65,000
Bioinformatics	\$140,000	\$110,000	\$110,000	\$110,000	\$110,000
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

* FFY2014 budget distribution is different than the other years. We propose the six species coordination groups receive \$5K less each and those dollars (\$30K in total) be re-directed to the Bioinformatics Coordination Group to provide additional funds for upgrades to hardware and software applicable to all species databases.

EXAMPLES OF PAST COORDINATOR EXPENSES

Year	Cattle	Sheep	Swine	Poultry	Horse	Aquaculture	Bioinformatics
2009	Contribution to bovine gene sampling expression array	Curation of the sheep genome assembly, contributions to the RH and linkage maps	Contributions to pig genome sequencing; 60K SNP genotyping for PRRS group	Contributions to turkey genome sequencing; 60K SNP genotyping for various groups	Contributions to Equine 50K SNP chip; Development and BAC support of horse genome website	Contributions to pooling of rainbow trout OSU14 library	Maintenance and development of the resources available at animalgenome.org/angenmap ; PRRS Host Genome Consortium; support for BirdBase; costs associated
2010	Contribution to bovine genome NGS sequencing	Purchase of 50K SNP chips for sheep projects, contributions to the Ovine HapMap project	Contributions to pig genome sequencing; 60K SNP genotyping for PRRS group	RNA sequencing for transcriptomics, Agilent chips for some groups, sequencing of two cell lines (DT40, DF1)	Contributions to Equine 50K SNP chip; Development and Agilent support of horse genome website	Contributions to oyster BAC library making with Agilent	Maintenance and development of the resources available at animalgenome.org/angenmap ; PRRS Host Genome Consortium; support for BirdBase; costs associated with hosting servers
2011	Contribution to bovine genome NGS sequencing	Purchase of 50K SNP chips for sheep projects, contribution to the sheep whole genome reference sequence and genome assembly	Contributions to 60K SNP genotyping for PCV2 work and development of imoutation chip	NGS sequencing of different chicken lines from various groups	Development and support of horse genome website.	Bioinformatics training	Maintenance and development of the resources available at animalgenome.org/angenmap ; PRRS Host Genome Consortium; support for BirdBase; costs associated with hosting servers; purchase of 60 Tb storage and computer
2012	Contribution to bovine genome optical mapping, NGS sequencing and bovine genome annotation using RNA-seq data	Contribution to the assembly of the sheep whole genome reference sequence and genome assembly	Contributions to 60K SNP genotyping for PCV2 work and ASF genotyping	600K SNP genotyping of chicken DNAs from various groups	Contributions to Equine 650K SNP chip; Development and support of horse genome website	Poster and reception session	Maintenance and development of the resources available at animalgenome.org/angenmap ; Animal QTLdb and ontology development; PRRS Host Genome Consortium; support for BirdBase; costs associated with hosting servers