Coordination group	FFY 2019	FFY 2020	FFY 2021	FFY 2022	FFY 2023
Aquaculture	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Cattle	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Horse	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Poultry	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Sheep/goat	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Swine	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
Bioinformatics	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00
Total	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00

TABLE 1. NRSP-8 BUDGET REQUEST FEDERAL FISCAL YEAR (FFY) 2019-2023

EXAMPLES OF PAST COORDINATOR EXPENSES

Year	2013	2014	2015	2016
	Improving the Rainbow Trout	Resource coordination	Speaker Travel Awards (4	Functional Annotation of All
•	Genome Assembly using	workshops focused on	Students to PAG)	Salmonid Genomes (FAASG)
	Moleculo Technology	oysters and other shellfish		Workshop
	Support in the development	Development of the new	Development of the new	Development of the new
	of the cattle (Dominette)	cattle (Dominette) reference	cattle (Dominette) reference	cattle (Dominette) reference
	Optical Map; Dominette	assembly: PacBio genomic	assembly: PacBio genomic	assembly: PacBio IsoSeq
	Illumina sequencing; PAG	sequencing; PAG Awards and	and IsoSeq sequencing,	sequencing, Illumina
	Awards and travel	travel.	Bioinformatics analysis,	sequencing, Dovetail HiC
			Dovetail Chicago Library;	library; PAG Awards and
			FAANG cattle purchase	travel.
			support; PAG Awards and	
			travel.	
	Student travel to PAG;	Student travel to PAG;	Student travel to PAG;	Student travel to PAG;
	Website development; SNP	matching funds for SNP chip	Matching funds for FAANG-	Matching funds for reference
	Chip development	development	related activities	genome work
Poultry	Student travel to PAG;	Student travel to PAG;	Support to	Improving the chicken
	infrastructure/staff support	infrastructure/staff support	Warren/Cheng/Brown	genome draft sequence by
	of genetic lines and well-	of genetic lines and well-	leveraging USDA &	PacBio sequencing
	characterized phenotypes &	characterized phenotypes &	stakeholder funding to	(Washington Univ, Warren)
	physiological studies	physiological studies	improve the chicken genome	
			assembly (SNP genotyping)	
Sheep/goat	Contribution to the sheep	Purchase HD genotyping	Purchase HD genotyping	Purchase of reagents and
	reference genome assembly,	chips for sheep projects,	chips for sheep projects,	supplies for sample collection
	Support NRSP8 member and	Contribution to improved	Contribution to improved	to enable FAANG sheep
	student travel to NRSP8,	sheep reference genome,	sheep, Support NRSP8	genome annotation, Support
	ISGC, IGGC meetings	Support NRSP8 member and	member and student travel	NRSP8 member and student
		student travel to NRSP8,	to NRSP8, ISGC, IGGC	travel to NRSP8, ISGC, IGGC
		ISGC, IGGC meetings	meetings reference genome	meetings
Swine	Travel: Jorgenson Travel	Travel: Workshop speakers.	Support for Multi-station	Support for Multi-station
	Award winner, Workshop	Validation of Affymetrix 650K	research project on Iso-seq	FAANG research, and
	speakers, new Subcommittee	Genotyping chip	analysis.	bioinformatics support staff
	members. Support for PEDV			
	genotyping project and			
	FAANG pilot project			
Bioinformatics	PRRS Host Genome	Bioinformatics support for	Striped Bass Genome	Support for Functional
	Consortium (PHGC) Database	Epigenetics Group (multiple	Database	Annotation of Animal
	https://www.animalgenome.	species)	(https://www.animalgenome.	Genomes
	org/lunney/		org/bioinfo/services/)	https://www.faang.org/