

Appendix 3 – Reconciliation of Beef CRC ‘products’ with projects outlined in the Commonwealth Agreement

Product	Number	Project Title
DNA markers	1.1.1/2	Gene discovery: carcase and beef quality
	2.1.1/2	Gene discovery: feed efficiency
	3.1.1	Gene discovery: adaptive traits
	3.1.3b	Genetic markers for polled, African horn and scur genes in tropical beef cattle
	4.1.1	Gene discovery: female reproductive performance
	7.1	Database maintenance
	7.2	DNA storage and maintenance
	7.3	Coordination of GWAS and microarray experiments
	7.4	Analysis and design of gene discovery and gene expression experiments
	7.5	Bioinformatics support
Genetic and management tools (new traits and parameters for use in BREEDPLAN)	2.2.1	Maternal productivity
	4.1.3a	Male indicator traits to improve female reproductive performance
	4.1.3b	Early predictors of lifetime female reproductive performance
Genetic and management tools (decision support systems)	1.2.1	Phenotypic prediction models
	1.3	Supply chain and palatability prediction
Genetic and management tools (knowledge-based packages impacting on specific production traits, cattle welfare and methane reduction)	1.1.3	Biological validation underpinning gene expression: carcase and beef quality
	2.1.3	Feed efficiency gene expression
	3.1.3	Improvement in cattle welfare
	4.1.2	Expression of genes associated with post-partum re-conception
Vaccine and other bio-active candidates	2.3	Microbial Genomics
	3.1.2	Tick vaccine
Training resources and materials	5.1	Post-graduate education
	5.2	Undergraduate and vocational training - merged with Project 5.3
	5.3	Vocational education and awareness
	5.4	Accelerated Adoption
	6.4	Communication and Public Relations
Administration	6.1/3	CRC Secretariat and Contingency
	6.2	“Tullimba” cattle research facility
	6.5	IP Commercialisation