Format for Technology Repository

Type of	Title of the technology	Crop/E	Location	Details of the	Probable	Technology	Refer	Year of	IPR Issues
Technology		nterpris	specificity	technology	Outcome of	owner	ence	Notificatio	(Patented /
		e	of the		the	(Name and	No/N	n/	Not
			technology		Technology	Institution)	otific	Release	Patented)
							ation		
							No		
Standardization	Molecular detection of		Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
and utilization	Clostridium perfringens			- cpa	accurate	Animal			patented
of diagnostic	by Polymerase Chain			cpb2, cpe	disease	Health,			
protocols	Reaction (PCR)				diagnosis	ICAR,			
					-	Umiam			
	Molecular detection of		Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
	Pasteurella multocida			- KMT1	accurate	Animal			patented
	by Polymerase Chain			hyaD- hyaC,	disease	Health,			
	Reaction (PCR)			bcbD, dcbF, ecbJ,	diagnosis	ICAR,			
				fcbD		Umiam			
	Molecular detection of		Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
	<i>Brucella</i> spp			-31KDa OMP,	accurate	Animal			patented
	by Polymerase Chain			16Sr-RNA	disease	Health,			
	Reaction (PCR)			IS711	diagnosis	ICAR,			
						Umiam			
	Molecular detection of		Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
	S. agalactiae			-16SrRNA	accurate	Animal			patented
	by Polymerase Chain			cfb	disease	Health,			•
	Reaction (PCR)			·	diagnosis	ICAR,			
						Umiam			
	Molecular detection of		Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
	Bordetella			-dnt	accurate	Animal			patented
	bronchiseptica				disease	Health,			
	by Polymerase Chain				diagnosis	ICAR,			
	Reaction (PCR)					Umiam			

Standardization and utilization of diagnostic protocols	Molecular detection of V. cholera by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes -rtxA, rtxC, ctx, ctxB	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented
	Molecular detection of Aeromonas hydrophila by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes -Ahh1, asa1, aerA	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented
	RAPD protocol for Aeromonas hydrophila	 Same as above	Same as above	Same as above	Same as above	NA	NA	Same as above
	Molecular detection of Listeria monocytogenes by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes -iap, plcA, plcB, hly	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented
	RAPD protocol for Listeria monocytogenes	 Same as above	Same as above	Same as above	Same as above	NA	NA	Same as above
	Molecular detection of Campylobacter jejuni by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes – iam flaA, hip O	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented
	Molecular detection of Salmonella spp by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes - stn invA, fimA, sopB, sopE, Sef C, pefA	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented
	Molecular detection of <i>E. coli</i> by Polymerase Chain Reaction (PCR)	 Meghalaya	Detection of genes - stx1 & 2, hlyA, elt, est	Rapid and accurate disease diagnosis	Division of Animal Health, ICAR, Umiam	NA	NA	Not patented

Standardization	Molecular detection of	 Meghalaya	Detection of genes	Rapid and	Division of	NA	NA	Not
and utilization	Rotavirus		- <i>VP7</i>	accurate	Animal			patented
of diagnostic	by RT-PCR and SDS-			disease	Health,			
protocols	PAGE			diagnosis	ICAR,			
protocols					Umiam			
	Molecular detection of	 Meghalaya	Detection of CSFV	Rapid and	Division of	NA	NA	Not
	Classical swine fever		genes	accurate	Animal			patented
	virus			disease	Health,			
	by RT-PCR			diagnosis	ICAR,			
					Umiam			
	Molecular detection of	 Meghalaya	Detection of IBR	Rapid and	Division of	NA	NA	Not
	Infectious bovine		genes	accurate	Animal			patented
	rhinotracheitis (IBR)			disease	Health,			
				diagnosis	ICAR,			
					Umiam			