GeneReach 2017.11.24

	Aquaculture		Companion animal		Livestock					Food		Biothreat	Human Diseases
	Shrimp	**Fish**	**Canine**	**Feline**	**Equine**	**Bovine**	**Poultry**	**Swine**	**Ruminant**	**Microorganism**	**GMO & food adulteration**	**Biothreat**	**Human Diseases**
Available Reagents	AHPND/EMS Plasmid	Carp Edema Virus (CEV)	*Anaplasma platys*	*Bordetella bronchiseptica*	*Anaplasma phagocytophilum*	Bovine Leukemia Virus	Avian Infectious bronchitis virus	*Actinobacillus Pleuropneumonia*	Bluetongue Virus	*Cronobacter* spp.	GMO-CaMV 35S	*Bacillus anthracis PL3*	Chagas Disease
	AHPND/EMS Toxin 1	IRIDO-Megalocytivirus	*Babesia gibsoni*	*Candidatus* Mycoplasma haemominutum	EAV	Bovine Tuberculosis	Avian influenza H5	Africa Swine Fever Virus	*Brucella abortus*	*Escherichia coli* (O157)	GMO-NOS	*Bacillus anthracis pXO1*	Chikungunya virus
	Baculovirus penaei	IRIDO-Ranaviruses	*Bordetella bronchiseptica*	*Candidatus* Mycoplasma turicensis	EHV-1	*Brucella abortus*	Avian Influenza H5 **(v201501)**	CSFV	*Brucella melitensis*	*Listeria monocytogenes*	GMO-RRS	*Bacillus anthracis pXO2*	Dengue Virus (universal)
	CMNV	ISAV	Canine Adeno Virus 2	*Chlamydophila felis*	EHV-3	*Brucella* spp.	Avian Influenza H7	FMDV	*Brucella spp.*	Meat Ingredient	Meat Ingredient	*Brucella abortus*	Filariasis (*Brugia* spp.)
	EHP	KHV	Canine Babesia	*Cytauxzoon felis*	EHV-4	BVDV-1	Avian Reovirus **(For Asia & America regions only)**	*Lawsonia intracellularis*	FMDV	Porcine Ingredient	Porcine Ingredient	*Brucella melitensis*	Filariasis (*Wuchereria bancrofti*)
	IHHNV	*Streptococcus iniae*	Canine Influenza Virus (M gene)	FCoV	EIAV	BVDV-2	Chicken infectious anemia virus	*Mycoplasma hyopneumoniae*	Peste des Petits Ruminants virus (PPRV)	*Salmonella* spp.		*Brucella* spp.	*M. pneumoniae*
	IMNV	SVCV	Canine Leishmaniasis	FCV	Influenza H3N8	*Campylobacter fetus*	Infectious Bursal Disease Virus	*Mycoplasma suis*		*Staphylococcus aureus*		Chagas disease	Yellow Fever Virus
	*Mr*NV	Tilapia Lake Virus (TiLV)	CDV	Feline Parvovirus	*Leptospirosis lipL32*	Rotavirus	Infectious Laryngotracheitis	PCV2		*Streptococcus agalactiae*		FV3 Rana Virus	Zaire Ebolavirus
	NHPB	VHSV	CHV	FeLV	Rotavirus	*Tritrichomonas foetus*	Influenza A	PDCoV				MERS-CoV	Zika Virus
	PvNV	VNN	CPiV	FHV	*Salmonella* spp.		*Mycoplasma gallisepticum*	PEDV				Mink enteritis virus	
	TSV		CRCoV	FIV	*Streptococcus equi*		*Mycoplasma synoviae*	Porcine parvovirus				*Paenibacillus larvae*	
	Vibrio harveyi		*E. granulosus / E.multilocularis*	Leptospirosis *lipL32*	*Taylorella equigenitalis* (CEM)		NDV-class 1	PRRS-NA				*R. communis* (Ricin)	
	WSSV		*Ehrlichia canis*	*Mycoplasma felis*			NDV-class 2	PRRSV NADC30-like				Rift Valley Fever Virus	
	YHV		Influenza H3N8	*Mycoplasma haemofelis*			NDV-Lasota	PRRSV-CN				*Salmonella* spp.	
			Leptospirosis *lipL32*				*Salmonella* spp.	PRRSV-EU					
			Parvovirus					Pseudorabies Virus *-gB* gene					
								Pseudorabies Virus *-gE* gene					
								SVA					
								Swine Influenza Virus (Type A)					
Under development	*Vibrio parahaemolyticus*	Largemouth bass virus		*Toxoplasma gondii*			Avian Eimeria Species	*Brachyspira hyodysenteriae*		*Vibrio parahaemolyticus*	Beef ingredient		
	MBV						Avian Influenza H9 (For China)	*Toxoplasma gondii*					
							H7 (HPAI)						
							H7 (LPAI)						

							Marek's Disease						