

S2   An expanded version of S1		Cell line / Primary cells / human tissue	Cell detail	Host strain / mutant	Pathogen type	Bacterial gram stain	Pathogen order	Pathogen family	Pathogen species	Pathogen strain / mutant	Pathogen component	Treatment	Array	Affymetrix array type	Number of probes	Reference (see S3)	Study type	Data source
Human	Dendritic cell	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	SD54			Affymetrix	Hu6800	7070	1	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Dendritic cell	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	055-B5	LPS		Affymetrix	Hu6800	7070	1	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Dendritic cell	Primary cells			Fungus		Saccharomycetales	Saccharomycetaceae	Candida albicans	HL54			Affymetrix	Hu6800	7070	1	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Dendritic cell	Primary cells			Fungus		Saccharomycetales	Saccharomycetaceae	Saccharomyces cerevisiae		Mannan		Affymetrix	Hu6800	7070	1	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Dendritic cell	Primary cells			Virus		Orthomyxovirales	Orthomyxoviridae	Influenza virus	A/PR/8/34			Affymetrix	Hu6800	7070	1	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	sd-4			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	EHEC O157:H7			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella typhi	Qualies			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella typhimurium				Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram positive	Bacillales	Staphylococcaceae	Staphylococcus aureus	ISP794			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram positive	Bacillales	Listeriaceae	Listeria monocytogenes	EGD			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium tuberculosis	Erdman			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	BCG			Affymetrix	Hu6800	7070	2	Wild-type pathogen	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli		LPS (E)		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella		LPS (S)		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram positive	Bacillales	Staphylococcaceae	Staphylococcus		Lipoteichoic acid		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Gram positive	Bacillales	Staphylococcaceae	Staphylococcus		Protein A		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria						Muramyl dipeptide		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria						formyl-methionine-leucine-phenylalanine		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria						D-(+)-mannose		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria						Monophosphoryl lipid A		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	hsp65		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	Macrophage	Primary cells			Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium tuberculosis		hsp70		Affymetrix	Hu6800	7070	2	Pathogen component	<a href="http://web.mit.edu/hacohen/dk/home.html">http://web.mit.edu/hacohen/dk/home.html</a>
Human	PBMC	Primary cells			Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Escherichia coli	Heat-killed			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	PBMC	Primary cells			Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	Bp338			Microarray	7619	3	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	PBMC	Primary cells			Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	Heat-killed Bp338			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	PBMC	Primary cells			Bacteria	Gram positive	Bacillales	Staphylococcaceae	Staphylococcus aureus	Heat-killed Minnesota isolate			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	PBMC	Primary cells			Bacteria	Gram positive	Bacillales	Staphylococcaceae	Staphylococcus aureus	Heat-killed isolate 2			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	PBMC	Primary cells			Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis		LPS		Microarray	7619	3	Pathogen component	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	U-937		Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	Bp338		ionomycin + PMA	Microarray	7619	3	Treatment	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	U-937		Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	Bp337 (avirulent)			Microarray	7619	3	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	U-937		Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	BpTox6 (lacks pertussis toxin)			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	U-937		Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Bordetella pertussis	BpA2-6 (lacks adenylate cyclase toxin)			Microarray	7619	3	Mutant pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Primary cells			Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium tuberculosis				Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Dendritic cell	Primary cells			Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium tuberculosis				Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Primary cells			Protozoa		Kinetoplastida	Trypanosomatidae	Leishmania major	NH Friedlink V1 strain MHOM/L/80/FN			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Primary cells			Protozoa		Kinetoplastida	Trypanosomatidae	Leishmania donovani	Leishmania donovani			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Primary cells			Protozoa		Sarcocystidae	Toxoplasma gondii	Toxoplasma gondii	RH strain			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Primary cells			Helminth		Onchocercidae	Brugia malayi	Brugia malayi				Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Dendritic cell	Primary cells			Protozoa		Kinetoplastida	Trypanosomatidae	Leishmania major	NH Friedlink V1 strain MHOM/L/80/FN			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Dendritic cell	Primary cells			Protozoa		Kinetoplastida	Trypanosomatidae	Leishmania donovani	Leishmania donovani			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Dendritic cell	Primary cells			Protozoa		Sarcocystidae	Toxoplasma gondii	Toxoplasma gondii	RH strain			Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Dendritic cell	Primary cells			Helminth		Spirurida	Onchocercidae	Brugia malayi				Affymetrix	HG-U95A	12626	4	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Primary cells										interferon-α	Affymetrix	Hu6800	7070	5	Treatment	Raw data not publically available.
Human	Macrophage	Primary cells										interferon-β	Affymetrix	Hu6800	7070	5	Treatment	Raw data not publically available.
Human	Macrophage	Primary cells										interferon-γ	Affymetrix	Hu6800	7070	5	Treatment	Raw data not publically available.
Human	Macrophage	Primary cells										IL-10	Affymetrix	Hu6800	7070	5	Treatment	Raw data not publically available.
Human	Macrophage	Primary cells										IL-12	Affymetrix	Hu6800	7070	5	Treatment	Raw data not publically available.
Mouse	Dendritic cell	Primary cells		HeN	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	LPS		Affymetrix	MG-U74Av2	12000	6	Pathogen component	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		HeN	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	hsp65		Affymetrix	MG-U74Av2	12000	6	Pathogen component	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		C3H/HeJ (point mutation in TLR4)	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	65-P1		Affymetrix	MG-U74Av2	12000	6	Mutant host	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		C3H/HeJ (point mutation in TLR4)	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	hsp65		Affymetrix	MG-U74Av2	12000	6	Mutant host	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		B10	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	65-P1		Affymetrix	MG-U74Av2	12000	6	Mutant host	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		B10/ScNc (TLR4 k/o)	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	LPS		Affymetrix	MG-U74Av2	12000	6	Pathogen component	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Dendritic cell	Primary cells		B10/ScNc (TLR4 k/o)	Bacteria	Mycobacterium	Actinomycetales	Mycobacteriaceae	Mycobacterium bovis	BCG	65-P1		Affymetrix	MG-U74Av2	12000	6	Mutant host	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Mouse	Macrophage	Cell line	RAW 264.7		Bacteria	Gram negative	Burkholderiales	Alcaligenaceae	Salmonella typhimurium	SL1344			Membrane	588	7	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Mouse	Macrophage	Cell line	RAW 264.7		Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella typhimurium		LPS		Membrane	588	7	Pathogen component	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Mouse	Macrophage	Cell line	RAW 264.7		Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella typhimurium				Membrane	588	7	Treatment	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	THP-1		Bacteria	Gram positive	Bacillales	Listeriaceae	Listeria monocytogenes	EGD			Membrane	588	8	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	THP-1		Bacteria	Gram positive	Bacillales	Listeriaceae	Listeria monocytogenes	EGD			Membrane	18276	8	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>	
Human	Macrophage	Cell line	U-937		Bacteria	Gram positive	Enterobacteriales	Enterobacteriaceae	Salmonella typhimurium	SL1344			Affymetrix	Hu6800	7070	8	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=102</a>
Human	Macrophage	Cell line	U-937		Bacteria	Gram negative	Enterobacteriales	Enterobacteriaceae	Salmonella typhimurium									



Human	Epithelial cell (amnion)	Cell line	Wish		Virus	dsDNA virus	Herpesvirus	Epstein-Barr virus (EBV)		B95-8		LMP-1		Membrane		588	90	Pathogen component	
Human	B-cell	Cell line	ERE2.5		Virus	dsDNA virus	Herpesvirus	Epstein-Barr virus (EBV)				EBNA-2		Microarray		5300	91	Pathogen component	
Human	Keratinocyte	Cell line	HTERT immortalized clone22		Virus	dsDNA virus	Herpesvirus	Epstein-Barr virus (EBV)				BLZF1		Affymetrix	HuGeneFL	6800	92	Pathogen component	
Human	B-cell	Cell line	BJAB		Virus	dsDNA virus	Herpesvirus	Epstein-Barr virus (EBV)				EBNA-LP		Microarray		13440	93	Pathogen component	
Human	B-cell	Cell line	BC2		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Membrane		100	94	In vitro latency	
Human	B-cell	Cell line	BC2		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						MAP30		100	94	Treatment	
Human	B-cell	Cell line	BC2		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						PMA		100	94	Treatment	
Human	Bone marrow stem cell (CD34+)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						MAP30 + PMA		100	94	Treatment	
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)		BCBL-1				Microarray		4165	96	Wild-type pathogen	<a href="http://www.ohsu.edu/voti/fruehshv.htm">www.ohsu.edu/voti/fruehshv.htm</a>
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)				JSC-1		Microarray		2350	97	Wild-type pathogen	
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)				JSC-1		Microarray		9180	97	Wild-type pathogen	
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)				JSC-1		PMA		2350	97	Treatment	
Human	B-cell	Cell line	BJAB		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		9180	97	Treatment	
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U133A	22283	98	Wild-type pathogen	
Human	Fibroblast (fore skin)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U133A	22283	98	Wild-type pathogen	
Human	B-cell	Human cancer	Primary effusion lymphoma		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U95Av2	12626	88	In vivo disease	<a href="http://icg.cmc.columbia.edu/Web_Data/PEL_Data/Klein_PEL_2003.htm">http://icg.cmc.columbia.edu/Web_Data/PEL_Data/Klein_PEL_2003.htm</a>
Human	B-cell	Cell line	BCP-1		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	BC3		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	BCBL-1		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	JSC-1		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	HBL-6		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	HBL-6		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	Treatment	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Human cancer	Primary effusion lymphoma		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						PMA		5700	87	Treatment	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	BJAB		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		5700	87	In vitro latency	<a href="http://www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html">www.biochem.ucl.ac.uk/bsm/virus_database/PEL/data.html</a>
Human	B-cell	Cell line	BJAB		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Microarray		6000	99	Pathogen component	
Human	Endothelial cell	Cell line	SLK		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						vGPCR		20000	100	Pathogen component	
Human	Endothelial cell (HUVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						vGPCR		12626	101	Pathogen component	<a href="http://derislab.ucsf.edu/gpcr/gpcr.shtml">http://derislab.ucsf.edu/gpcr/gpcr.shtml</a>
Human	Endothelial cell	Human cancer	Kaposi's sarcoma		Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						LANA1		22283	102	Pathogen component	<a href="http://derislab.ucsf.edu/gpcr/gpcr.shtml">http://derislab.ucsf.edu/gpcr/gpcr.shtml</a>
Human	Endothelial cell (lymphatic)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U133A	22283	102	In vivo disease	<a href="http://www.ebi.ac.uk/arrayexpress/Accession/E-MEXP-66">www.ebi.ac.uk/arrayexpress/Accession/E-MEXP-66</a>
Human	Endothelial cell (blood vascular)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U133A	22283	102	Wild-type pathogen	<a href="http://www.ebi.ac.uk/arrayexpress/Accession/E-MEXP-66">http://www.ebi.ac.uk/arrayexpress/Accession/E-MEXP-66</a>
Human	Endothelial cell (DMVEC)	Primary cells			Virus	dsDNA virus	Herpesvirus	Kaposi's sarcoma-associated herpesvirus (KSHV)						Affymetrix	HG-U133A	22283	103	Wild-type pathogen	<a href="http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (fore skin)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-31 (HPV-31)						E6		2208	105	Wild-type pathogen	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (cervical)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-16 (HPV-16)						E7		2208	105	Pathogen component	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (cervical)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-16 (HPV-16)						E6 + E7		2208	105	Pathogen component	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (cervical)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-16 (HPV-16)						E6 + E7	IFN- $\alpha$	2208	105	Treatment	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (cervical)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-16 (HPV-16)						E6 + E7	IFN- $\beta$	2208	105	Treatment	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Keratinocyte (cervical)	Primary cells			Virus	dsDNA virus	Papillomavirus	Human papillomavirus-16 (HPV-16)						E6 + E7	IFN- $\gamma$	2208	105	Treatment	<a href="http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377">http://pubs.nlm.nih.gov/geo/query/acc.cgi?acc=GSE1377</a>
Human	Epithelial cell	Cell line	HeLa		Virus	dsDNA virus	Papillomavirus	Bovine papillomavirus						E2		12626	106	Pathogen component	<a href="http://genet.cmhc.org">http://genet.cmhc.org</a>
Human	Epithelial cell (kidney)	Cell line	HEK293		Virus	dsRNA virus	Reovirus	Reovirus serotype 1			T1L			Affymetrix	HG-U95A	12626	107	Wild-type pathogen	
Human	Epithelial cell (kidney)	Cell line	HEK293		Virus	dsRNA virus	Reovirus	Reovirus serotype 3			T3A			Affymetrix	HG-U95A	12626	107	Wild-type pathogen	
Human	Epithelial cell (kidney)	Cell line	HEK293		Virus	dsRNA virus	Reovirus	Reovirus serotype 1			T3A			Affymetrix	HG-U95A	12626	108	Wild-type pathogen	
Human	Epithelial cell (kidney)	Cell line	HEK293		Virus	dsRNA virus	Reovirus	Reovirus serotype 3			T3A			Affymetrix	HG-U95A	12626	108	Wild-type pathogen	
Human	Epithelial cell (intestinal)	Cell line	Caco-2		Virus	dsRNA virus	Reovirus	Rhesus rotavirus						Microarray		38432	109	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=108">http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=108</a>
Human	Astrocyte (fetal)	Primary cells			Virus	dsDNA virus	Polymavirus	JC virus			Mad1/SVdelta			Affymetrix	HG-U95A	12626	110	Wild-type pathogen	<a href="http://genome-www5.stanford.edu/cgi-bin/publication/viewPublication.pl?pub_no=108">www.temple.edu/cnrcb/supplemental.htm</a>
Human	Epithelial cell	Cell line	HeLa		Virus	dsDNA virus	Poxvirus	Vaccinia virus			Western reserve (WR) strain			Microarray		15360	111	Pathogen component	
Human	Epithelial cell	Cell line	HeLa		Virus	dsDNA virus	Poxvirus	Vaccinia virus			Modified vaccinia virus Ankara (MVA) strain			Microarray		15360	111	Pathogen component	
Human	PBMC	Primary cells			Virus	ssRNA- virus	Paramyxovirus	Measles virus			DK96A1 (primary isolate)			Membrane		3528	113	Wild-type pathogen	
Human	PBMC	Primary cells			Virus	ssRNA- virus	Paramyxovirus	Measles virus			Edmonston strain			Membrane		3528	113	Wild-type pathogen	
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Membrane		268	114	Wild-type pathogen	
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95A	12626	114	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell (fore skin)	Primary cells	S45		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95A	12626	114	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95A	12626	115	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	HeLa	Non-degradable I $\kappa$ B $\alpha$ protein (NF- $\kappa$ B inhibitor)	Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95A	12626	115	Treatment	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	HeLa	Non-degradable I $\kappa$ B $\alpha$ protein (NF- $\kappa$ B inhibitor)	Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95A	12626	115	Treatment	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95Av2	12626	116	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95Av2	12626	116	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HG-U95Av2	12626	116	Treatment	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Paramyxovirus	Respiratory syncytial virus (RSV)			AZ (Long strain)			Affymetrix	HuGeneFL	6800	117	Wild-type pathogen	<a href="http://bioinfo.utmb.edu/Brasier_Lab/">http://bioinfo.utmb.edu/Brasier_Lab/</a>
Mouse	Lung	Animal tissue	C57black/6		Virus	ssRNA- virus	Paramyxovirus	Pneumonia virus of mice (PVM)			Strain 15 (non-pathogenic)			Affymetrix	MG-U74Av2	12000	118	In vivo disease	
Mouse	Lung	Animal tissue	C57black/6		Virus	ssRNA- virus	Paramyxovirus	Pneumonia virus of mice (PVM)			Strain J3666 (pathogenic)			Affymetrix	MG-U74Av2	12000	118	In vivo disease	
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus						Microarray		4608	119	Wild-type pathogen	<a href="http://thor.cs.washington.edu/katzelab/papers/Geiss2000/index.htm">http://thor.cs.washington.edu/katzelab/papers/Geiss2000/index.htm</a>
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			Heat inactivated			Microarray		4608	119	Mutant pathogen	<a href="http://thor.cs.washington.edu/katzelab/papers/Geiss2000/index.htm">http://thor.cs.washington.edu/katzelab/papers/Geiss2000/index.htm</a>
Human	Endothelial cell	Cell line	A549		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			A/PR/8/34			Microarray		4608	120	Wild-type pathogen	<a href="http://expression.microslu.washington.edu/expression/index.html">http://expression.microslu.washington.edu/expression/index.html</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			NS1 knockout			Microarray		4608	120	Mutant pathogen	<a href="http://expression.microslu.washington.edu/expression/index.html">http://expression.microslu.washington.edu/expression/index.html</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			NS1 delta 1-126			Microarray		4608	120	Mutant pathogen	<a href="http://expression.microslu.washington.edu/expression/index.html">http://expression.microslu.washington.edu/expression/index.html</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			A/WSN/33			Microarray		4608	120	Wild-type pathogen	<a href="http://expression.microslu.washington.edu/expression/index.html">http://expression.microslu.washington.edu/expression/index.html</a>
Human	Epithelial cell	Cell line	A549		Virus	ssRNA- virus	Orthomyxovirus	Influenza virus			A/WSN/33 with 1918 NS1			Microarray		4608	120	Wild-type pathogen	<a href="http://expression.microslu.washington.edu/expression/index.html">http://expression.microslu.washington.edu/expression/index.html</a>
Human	Endothelial cell (HUVEC)	Primary cells			Virus	ssRNA- virus	Hantavirus	Hantaan virus			HFS-associated New York-1 virus (NY-1V)			Affymetrix	HG-U95Av2	12626	121	Wild-type pathogen	<a href="http://www.sunysb.edu/biochem/MCB/Faculty/Mackow.html">www.sunysb.edu/biochem/MCB/Faculty/Mackow.html</a>
Human	Endothelial cell (HUVEC)	Primary cells			Virus	ssRNA- virus	Bunyavirus	Hantaan virus			HFRS-associated Hantaan virus (HTNV)			Affymetrix	HG-U95Av2	12626	121	Wild-type pathogen	<a href="http://www.sunysb.edu/biochem/MCB/Faculty/Mackow.html">www.sunysb.edu/biochem/MCB/Faculty/Mackow.html</a>
Human	Endothelial cell (HUVEC)	Primary cells			Virus	ssRNA- virus	Bunyavirus	Hantaan virus			Prospect Hill virus (PHV, non-pathogenic)			Affymetrix	HG-U95Av2	12626	121	Wild-type pathogen	<a href="http://www.sunysb.edu/biochem/MCB/Faculty/Mackow.html">www.sunysb.edu/biochem/MCB/Faculty/Mackow.html</a>
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA+ virus	Picornavirus	Poliiovirus			3NC202			Microarray		10000	122	Wild-type pathogen	<a href="http://genome-www.stanford.edu/polio">http://genome-www.stanford.edu/polio</a>
Human	Osteosarcoma	Cell line	HOS px2AW		Virus	ssRNA+ virus	Picornavirus	Echovirus 1			Farouk			Membrane		588	123	Wild-type pathogen	
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA+ virus	Picornavirus	Coxsackievirus B4			JVB			Membrane		588	123	Wild-type pathogen	
Human	Epithelial cell	Cell line	HeLa		Virus	ssRNA+ virus	Picornavirus	Poliovirus 1											

Human	T-cell	Primary cells		Aviremic patients	Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)				Affymetrix	HG-U95A	12626	149	In vivo disease		
Human	PBMC	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	B9.6				Membrane	4132	150	Wild-type pathogen		
Human	PBMC	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	B9.6vpr- (Vpr knockout)				Membrane	4132	150	Mutant pathogen		
Human	T-cell	Cell line	ACH2		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	LAI				Membrane	588	151	In vitro latency		
Human	T-cell	Cell line	H9/Tat		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)		Tat			Microarray	2400	151	Pathogen component		
Human	T-cell	Cell line	Jurkat		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)		Tat			Membrane	1176	152	Pathogen component		
Human	T-cell	Cell line	Jurkat		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2	Nef			Microarray	3528	153	Pathogen component	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	T-cell	Cell line	Jurkat		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2	Nef	Cyclosporin A		Microarray	3528	153	Treatment	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	T-cell	Cell line	Jurkat	RT3 (lacks functional TCR)	Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2	Nef			Microarray	3528	153	Mutant host	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	T-cell	Cell line	Jurkat	p116 ZAP-70 and Syk negative	Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2	Nef			Microarray	3528	153	Treatment	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	T-cell	Cell line	Jurkat									Anti-CD3 T-cell activation		Microarray	3528	153	Treatment	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	T-cell	Cell line	Jurkat									Anti-CD28 T-cell activation		Microarray	3528	153	Treatment	<a href="http://www.immunity.com/cgi/content/full/14/6/763/DC1/">www.immunity.com/cgi/content/full/14/6/763/DC1/</a>	
Human	Astrocyte (fetal)	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2				Microarray	2306	154	Wild-type pathogen		
Human	Astrocyte (fetal)	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	SF2				Membrane	2306	154	Pathogen component		
Human	PBMC	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	JR-FL	Gp120			Affymetrix	HG-U95A	12626	155	Pathogen component	
Human	Macrophage	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	JR-FL	Gp120			Affymetrix	HG-U95A	12626	155	Pathogen component	
Human	Epithelial cell	Cell line	HeLa		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	NL4-3	Nef			Microarray	6000	156	Pathogen component		
Human	Epithelial cell	Cell line	HeLa		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	NL4-3	Nef (mutation in myristylation site)			Microarray	6000	156	Pathogen component		
Human	Epithelial cell	Cell line	HeLa		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	NL4-3	Nef (mutation in SH3 domain)			Microarray	6000	156	Pathogen component		
Human	Epithelial cell	Cell line	HeLa		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	NL4-3	Nef			Microarray	1081	157	Pathogen component		
Human	Thymus	Human tissue	Explant in SCID mouse		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	NL4-3				Microarray	9183	158	In vivo disease		
Human	Thymus	Human tissue	Explant in SCID mouse		Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)	JD				Microarray	9183	158	In vivo disease		
Human	Jejunum	Human tissue			Virus		ssRNA-RT virus	Retrovirus	Human immunodeficiency virus-1 (HIV-1)					Affymetrix	HG-U95Av2	12626	159	In vivo disease	
Rhesus macaque	Jejunum	Animal tissue			Virus		ssRNA-RT virus	Retrovirus	Simian immunodeficiency virus (SIVmac)	SIVmac251				Affymetrix	HuGeneFL	6800	160	In vivo disease	
Rhesus macaque	Brain	Animal tissue			Virus		ssRNA-RT virus	Retrovirus	Simian immunodeficiency virus (SIVmac)	SIVmac89.6P (contains HIV env)				Membrane	277	161	In vivo disease		
Rhesus macaque	PBMC	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Simian immunodeficiency virus (SIVmac)	SIVmac251				Affymetrix	HuGeneFL	6800	162	In vivo disease	<a href="http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE512">www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE512</a>
Rhesus macaque	PBMC	Primary cells			Virus		ssRNA-RT virus	Retrovirus	Simian immunodeficiency virus (SIVmac)	SIVmac182				Affymetrix	HG-U95Av2	12626	163	In vivo disease	<a href="http://ajp.ampathol.org/cgi/content/full/162/6/2041">http://ajp.ampathol.org/cgi/content/full/162/6/2041</a>
Human	T-cell	Cell line	KIT225		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)					Membrane	10000	95	Wild-type pathogen		
Human	T-cell	Cell line	C8166		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)					Membrane	588	164	In vitro latency		
Human	T-cell	Cell line	C8166		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)					Membrane	588	165	In vitro latency		
Human	T-cell	Cell line	C8166		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)			Gamma radiation		Membrane	588	165	In vitro latency		
Human	T-cell	Cell line	HuT-102		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)			IFN- $\alpha$		Microarray	16128	166	Treatment		
Human	T-cell	Cell line	HuT-102		Virus		ssRNA-RT virus	Retrovirus	Human T-cell leukaemia virus-1 (HTLV-1)			Arsenic trioxide		Microarray	16128	166	Treatment		
Human	PBMC	Primary cells										IFN- $\alpha$		Microarray	16128	166	Treatment		
Human	PBMC	Primary cells										Arsenic trioxide		Microarray	16128	166	Treatment		
Human	Fibroblast (lung)	Cell line	HEL299		Virus		ssRNA-RT virus	Retrovirus	Human foamy virus (HFV or SFVcpz(hu))					Membrane	588	167	Wild-type pathogen		