

Target Organism	Target Genes
<i>Aeromonas hydrophila</i>	eno,gltA,groL,gua,gyrB,lepA,metG,nuoL,ppsA,recA
<i>Bacillus cereus</i>	adk,glpF,glpT,gmk,ilvD,panC,pta,purH,pycA,tpi
<i>Escherichia coli</i>	adk,aspC,clpX,fadD,fumC,gyrB,icd,lysP,mdh,purA,recA,uidA
<i>E. coli</i> virulence*	apec-cdtA,eaec-aggR,ehec-eaeA,ehec-ehxA,ehec-stx1A,ehec-stx2A,etec-lta,shig-icsP,shig-mkaD,stec-saa,stec-subA,upec-cnfl,upec-hlyA
<i>Salmonella</i> Type I	aroC,dnaN,hemD,hisD,icdA,lysP,mdh,purE,sucA,thrA
<i>Salmonella</i> virulence*	avrA,hilA,invA,lpfA,misL,pagN,sinH,sopE,spvC
<i>Clostridium botulinum</i>	aceK,adk,colA,groEL,gyrB,mdh,oppB,recA,rpoB,tpi
<i>Clostridium difficile</i>	adk,aroE,atpA,dutA,dxr,glyA,gmk,groEL,recA,tpi
<i>Clostridium perfringens</i>	aroE,colA,groEL,gyrB,nadA,pgk,plc,recA,rpoB,sigK
<i>Enterococcus faecalis</i>	adk,aroR,atpA,ddl,gdh,gki,gld,pstS,xpt,yqiL,adk,aroR
<i>Enterococcus faecium</i>	aroR,atpA,ddl,gdh,gki,gld,pstS,purK,xpt
<i>Bacteroides fragilis</i>	adk,aroE,dnaJ,gyrB,hsp60,icd,mdh,purA,recA,rpoB
<i>Helicobacter pylori</i>	aroE,aspA,atpA,efp,mutY,ppa,tkl,trpC,ureI,yphC
<i>Campylobacter jejuni</i>	aspA,atpA,efp,glnA,gltA,glyA,pgm,ppa,tkl,uncA
<i>Listeria monocytogenes</i>	ccpA,glpF,ilvD,panC,pta,purH,pyc,recF,rpoB,tpi
<i>Listeria</i> virulence*	clpC,clpP,hly,inlA,inlB,LMOF2365-2530,prfA,rluA
<i>Cronobacter sakazakii</i>	adk,aspC,clpX,fadD,fumC,gyrB,icdA,lysP,mdh,purA
<i>Vibrio cholerae</i>	adk,clpX,fadD,gyrB,mdh,metE,pntA,purA,purM,pyrC
<i>Yersinia enterocolitica</i>	aarF,adk,dfp,gaiR,glnS,gyrB,hemA,icdA,rfaE,speA
<i>Brucella abortus</i>	aroA,cobQ,dnaK,gap,glk,gltB,gyrB,inthyp,lepA,omp25
<i>Coxiella burnetii</i>	adk,cpn60,fumC,fusA,icd,mdh,purA,pyrG,rplB,rpoB
<i>Cronobacter malonaticus</i>	adk,aspC,clpX,fadD,fumC,gyrB,lysP,mdh,purA,recA
<i>Cronobacter turicensis</i>	adk,aspC,clpX,fadD,fumC,gyrB,lysP,mdh,purA,recA
<i>Franconibacter pulveris</i>	adk,aspC,clpX,fadD,fumC,gyrB,lysP,mdh,purA,recA
<i>Francisella tularensis</i>	adk,cpn60,fumC,fusA,gyrB,mdh,purA,pyrG,recA,rpoB
<i>Mycobacterium bovis</i>	argC,aspC,clpX,dnaA,gap,glnA,gyrB,rpoB,sucC,thrA
<i>Plesiomonas shigelloides</i>	aarF,aspC,clpX,fadD,gyrB,icdA,lysP,mdh,purA,recA
<i>Staphylococcus aureus</i>	adk,arcC,aroE,gdh,gki,glpF,gmk,pta,tpi,yqiL
<i>Streptococcus pyogenes</i>	adk,atpA,gki,grt,gld,murI,mutS,recP,xpt,yqiL
<i>Vibrio parahaemolyticus</i>	adk,clpX,fadD,gyrB,mdh,metE,pntA,purA,purM,recA
<i>Vibrio vulnificus</i>	clpX,dtdS,fadD,glp,gyrB,lysA,mdh,metG,pntA,purM
<i>Cyclospora</i>	ccat_MR1,ccat_MR2,ccat_MR3,ccat_MR4,ccat_A5,ccat_A13,ccat_A14,

	ccat_A15,ccat_A1,ccat_A2,ccat_A3,ccat_A4,ccat_A9,ccat_A6
Human adenovirus A	adenoA
Human adenovirus B	adenoB
Human adenovirus C	adenoC
Human adenovirus D	adenoD
Aichivirus	aichi
Human astrovirus 1	astro1
Human astrovirus 2	astro2
Human astrovirus 3	astro3
Human astrovirus 4	astro4
Human astrovirus 5	astro5
Human astrovirus 6	astro6
Enterovirus A - Coxsackievirus	enteroA_cox
Enterovirus B - Coxsackievirus	enteroB_cox
Enterovirus B - other	enteroB
Enterovirus C - Coxsackievirus	enteroC_cox
Enterovirus C - Poliovirus	enteroC_polio
Enterovirus D68	enteroD68
Enterovirus D70	enteroD70
Hepatitis A virus IA	HEPA1A
Hepatitis A virus IB	HEPA1B
Hepatitis A virus 2A	HEPA2A
Hepatitis A virus 2B	HEPA2B
Hepatitis A virus 3A	HEPA3A
Hepatitis A virus 3B	HEPA3B
Hepatitis E virus G1	HEV1
Hepatitis E virus G2	HEV2
Hepatitis E virus G3 cluster 1	HEV3_1
Hepatitis E virus G3 cluster 2	HEV3_10
Hepatitis E virus G3 cluster 3	HEV3_11
Hepatitis E virus G3 cluster 4	HEV3_2
Hepatitis E virus G3 cluster 5	HEV3_3
Hepatitis E virus G3 cluster 6	HEV3_4
Hepatitis E virus G3 cluster 7	HEV3_5

Hepatitis E virus G3 cluster 8	HEV3_6
Hepatitis E virus G3 cluster 9	HEV3_7
Hepatitis E virus G3 cluster 10	HEV3_8
Hepatitis E virus G3 cluster 11	HEV3_9
Hepatitis E virus G4 cluster 1	HEV4_1
Hepatitis E virus G4 cluster 2	HEV4_2
Hepatitis E virus G4 cluster 3	HEV4_3
Norovirus GI.1	norolG1
Norovirus GI.2	norolG2
Norovirus GI.4	norolG4
Norovirus GI.6	norolG6
Norovirus GI.7	norolG7
Norovirus GI.8	norolG8
Norovirus GII.1	norolIG1
Norovirus GII.11	norolIG11
Norovirus GII.12	norolIG12
Norovirus GII.13	norolIG13
Norovirus GII.14	norolIG14
Norovirus GII.17	norolIG17
Norovirus GII.2	norolIG2
Norovirus GII.3	norolIG3
Norovirus GII.4	norolIG4
Norovirus GII.5	norolIG5
Norovirus GII.6	norolIG6
Norovirus GIII	norol3
Norovirus GIV	norol4
Norovirus GV	norol5
Rotavirus A: G1,3,4	rotaA134
Rotavirus A: G2,6,8	rotaA268
Rotavirus B	rotaB
Rotavirus C	rotaC
Sapovirus GI	sapol
Sapovirus GII	sapo2
Sapovirus GIII	sapo3

Sapovirus GIV	sapo4
Alternaria alternata	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus flavus	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus fumigatus	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus niger	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus oryzae	ANXC4,BGT1,CAT1
Botrytis cinerea	BRN1,EF1a,GPD,MAPK,RPB1,URE
Bipolaris maydis	BRN1,EF1a,GPD,MAT-2,RPB1,SAL1,URE
Coccidioides immitis	amtr,becl,EF1a,hydr,nitr,Rad1,trcP
Curvularia lunata	BRN1,EF1a,GPD,MAT-2,RPB1,SAL1,URE
Fusarium oxysporum	BT2,CAL,CAT1,EF1a,LIP,MAT1-2,SODB
Mucor circinelloides	BT2,CAT1,EF1a,LIP,MAT1-2,SODB,ZRF2
Rhizopus delemar	BT2,CAT1,EF1a,LIP,MAT1-2,SODB,ZRF2
Rhizopus microsporus	BT2,CAT1,EF1a,LIP,MAT1-2,SODB,ZRF2
Rhizopus oryzae	BT2
Stachybotrys chartarum	BRN1,EF1a,GPD,MAPK,RPB1,SAL1,URE
Sporothrix schenckii	ANXC4,BT2,CAL,CAT1,EF1a,LIP,ZRF2
Trichophyton benhamiae	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus clavatus	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Aspergillus nidulans	ANXC4,BGT1,BT2,CAT1,EF1a,SODB,ZRF2
Aspergillus terreus	ANXC4,BGT1,CAT1,LIP,MAT1-2,SODB,ZRF2
Cladosporium cladosporioides	ANXC4,BGT1,BT2,CAL,CAT1,LIP,SODB
Chaetomium globosum	BRN1,EF1a,GPD,MAPK,RPB1,URE,ADE6
Brettanomyces anomalus	ADE6,ATP2,EF1a,GBA3,GLT1,MTCO,PGK1
Candida albicans	AAT1a,ACC1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Clavispora lusitaniae	AAT1a,ACC1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Candida tropicalis	AAT1a,ACC1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Debaryomyces hansenii	AAT1a,ACC1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Kluyveromyces marxianus	AAT1a,ACS1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Malassezia furfur	BT2,chs-2,cyp,MF1,phpl,tam1,tef1
Meyerozyma guilliermondii	AAT1a,ACC1,ADP1,MPI1b,SYA1,tef1a,ZWF1b
Torulaspora delbrueckii	AAT1a,ACC1,ADP1,MPI1b,SYA1,VPS13,ZWF1b
Kazachstania exigua	ABP1,BUL1,EF1a,OYE,RPB2,RPS16,VMA1
Kazachstania unispora	act1,ATP2,ECM17,EF1a,RPB2

The columns correspond to the names for the organism and the corresponding gene targets that were used to design the primers.

*Virulence associated gene targets used to design primers.