Full list of PDB target functions with source organisms and names of biofilm protein targets

Source organism → / PDB Function ↓	*Pseudomonas aeruginosa*	*Escherichia coli*	*Staphylococcus aureus*	*Porphyromonas gingivalis*	*Salmonella typhimurium*	*Bacillus subtilis*	*Streptococcus gordonii*	*Streptococcus pyogenes serotype M1*	*Parabacteroides distasonis*	*Streptococcus mutans*	*Acinetobacter spp.*	*Aggregatibacter actinomycetemcomitans*	*Bacteroides ovatus*	*Bacteroides uniformis*	*Bordetella bronchiseptica*	*Geobacter sulfurreducens*	*Marinobacter nauticus*	*Neisseria meningitidis serogroup B*	*Phocaeicola vulgatus*	*Proteus mirabilis*	*Shewanella oneidensis*	*Staphylococcus epidermidis*	*Streptococcus parasanguinis*	*Streptococcus pneumoniae serotype 4*	*Xanthomonas campestris pv. campestris*
Cell adhesion	Fimbrial subunit CupB6 (Target 37)	Type 1 fimbrin D-mannose specific adhesin (Protein FimH) (Target 2); Protein FimG (Target 33); Adhesin / invasin TibA autotransporter [Cleaved into: Adhesin / invasin TibA (Glycoprotein TibA); Adhesin / invasin TibA translocator] (Target 51); Protein FimF (Target 92)	Biofilm-associated surface protein (Target1)	Minor fimbrium subunit Mfa5 (Target 5); Major fimbrium subunit FimA type-1 (Fimbrillin) (Fimbrilin) (Major fimbrial subunit protein type I) (Target 12); Minor fimbrium anchoring subunit Mfa2 (Minor fimbrial antigen 2)(Target 27); Minor fimbrium tip subunit Mfa3 (Target 28); Minor fimbrium subunit Mfa1 (Pg-II fim a) (Target 29); Minor fimbrium tip subunit MfA4 (Immunoreactive 32 kDa antigen) (Target 36); Major fimbrium subunit FimA type-4 (Fimbrillin) (Fimbrilin) (Major fimbrial subunit protein type-4) (FimA4) (Target 50)	Putative outer Membrane protein (Target 19) Putative fimbriae subunit (Target 20)		Streptococcal hemagglutinin (Hs antigen) (Sialic acid-binding adhesin) (Target 16)		Putative fimbrium tip subunit Fim1C (Target 57); Putative fimbrium tip subunit Fim1F (Target 70)		Trimeric autotransporter adhesin AtaA (TAA AtaA) (Type 5 secretion system autotransporter AtaA) (Target 65)			Putative fimbrium subunit Fim1C (Target 55)					Fimbrial protein (Pilin) (Target 44)	Fimbrium subunit Fim1C (Target 49)	Fimbrial adhesin (Target 3)					
Transferase	2-heptyl-4(1H)-quinolone synthase subunit PqsB (Target 34); 2-heptyl-4(1H)-quinolone synthase subunit PqsC (EC 2.3.1.230) (Target 35); GGDEF domain-containing protein (Target 41); Anthraniloyl-CoA anthraniloyl Transferase (EC 2.3.1.262) (2-heptyl-4(1H)-quinolone synthase PqsD) (PqsD) (Target 77); PilQ (Target 40);	Sensor histidine kinase CpxA (EC 2.7.13.3) (Target 61); Diguanylate cyclase DgcZ (DGC) (EC 2.7.7.65) (Zinc-sensory diguanylate cyclase) (Target 67); Sensor protein QseC (EC 2.7.13.3) (Target 91)	Sensor protein kinase WalK (EC 2.7.13.3) (Target 32); CapA (Capsular polysaccharide biosynthesis protein CapA) (Capsular polysaccharide type 8 biosynthesis protein capBA) (Capsule biosynthesis protein CapA) (Chain length regulator (Capsular polysaccharide biosynthesis)) (Membrane protein CapB2) (Target 56); Sensor protein VraS (EC 2.7.13.3) (Target 58)																							
Hydrolase/ Hydrolase inhibitor	Acyl-homoserine lactone acylase PvdQ (AHL acylase PvdQ) (Acyl-HSL acylase PvdQ) (EC 3.5.1.97) [Cleaved into: Acyl-homoserine lactone acylase PvdQ subunit alpha (Acyl-HSL acylase PvdQ subunit alpha); Acyl-homoserine lactone acylase PvdQ subunit beta (Acyl-HSL acylase PvdQ subunit beta)] (Target 68); CRISPR-associated nuclease / helicase Cas3 subtype I-F / YPEST (EC 3.1.-.-) (EC 3.6.4.-) (Target 38); 2-aminobenzoylacetyl-CoA hydrolase	Poly-beta-1, 6-N-acetyl-D-glucosamine N-deacetylase (PGA N-deacetylase) (Poly-beta-1, 6-GlcNAc N-deacetylase) (EC 3.5.1.-) (Target 66); Endoribonuclease toxin MazF (EC 3.1.27.-) (Toxin MazF) (mRNA interferase MazF) (Target 99)								Putative ABC transporter, ATP-binding protein ComA (Target 21)		PgaB (Target 46)		Putative hemin storage protein (Target 17)											
Signaling protein/ inhibitor	Methyl-accepting chemotaxis protein PctA (Target 30); Probable two-component response regulator (Target 74)	Diguanylate cyclase DosC (DGC) (EC 2.7.7.65) (Direct oxygen-sensing cyclase) (Target 39)	Transcriptional regulatory protein LytR (Target 10); signaltransduction protein TRAP (Target of RNAIII-activating protein) (Target 63)	Methyl-accepting chemotaxis protein TlpQ (TlpQ chemoreceptor) (Target 15)						Competence stimulating peptide (Competence stimulating protein) (Target 93)						Diguanylate cyclase (Target 78)									Response regulator (Target 71)
Structural protein		Fimbrin-like protein FimI (Target 6); Autoinducer-2 kinase (AI-2 kinase) (EC 2.7.1.189) (Target 18); Type-1 fimbrial protein, A chain (Type-1A pilin) (Target 90); O-acetyl-ADP-ribose deacetylase (EC 3.1.1.106) (Regulator of RNase III activity) (Target 100); Surface composition regulator (Target 101)	Surface protein G (Target 43)	Minor fimbrium tip subunit MfA4 (Immunoreactive 32 kDa antigen PG49) (Target 48)		Biofilm-surface layer protein A (ORF-1) (Target 62); High-affinity zinc uptake system binding-protein ZnuA (Target 88)		Pilin (Lancefield T antigen) (Pilus backbone Structural protein) (Target 80)					Putative fimbrium tip subunit Fim1C (Target 60)										Fap1 adhesin (Adhesin Fap1) (Fimbriae-associated protein Fap1) (Serine-rich repeat protein Fap1) (Target 69)	Pneumococcal serine-rich repeat protein (PsrP) (Adhesin PsrP) (Serine-rich repeat protein PsrP) (Target 64)	
Transcription		HTH-type Transcriptional regulator RcdA (Regulator of csgD) (Target 22); Transcriptional regulatory protein CpxR (Target 45); Transcription antitermination protein RfaH (Target 87)		RNA polymerase sigma-H factor (Sigma-30) (Target 13)																	Diguanylate cyclase with PAS sensory domain (EC 2.7.7.65) (Target 73)	Biofilm operon icaADBC HTH-type negative Transcriptional regulator IcaR (Intercellular adhesion protein R) (Target 81)			
Immune system / RNA	CRISPR-associated protein Csy1 (Target 23); CRISPR-associated protein Csy2 (Target 24); CRISPR-associated protein Csy3 (Target 25); CRISPR-associated endonuclease Cas6 / Csy4 (EC 3.1.-.-) (Target 83);																								
Protein fibril		Major curlin subunit (Target 14)				TasA anchoring / assembly protein (Biofilm assembly accessory protein TapA) (Target 7); Major biofilm matrix component (Spore coat-associated protein N) (Translocation-dependent antimicrobial spore component) (Target 26)																			
Sugar binding protein/ inhibitor	Fucose-binding lectin PA-IIL (Target 79)	Uncharacterized fimbrial-like protein YdeQ (Target 9)					Platelet binding protein GspB (Adhesin GspB) (Serine-rich adhesin for platelets) (Serine-rich repeat protein GspB) (Target 72)																		
Gene regulation	Regulatory protein RsaL (RsaL protein) (Virulence gene repressor RsaL) (Target 31)	Probable two-component-system connector protein ArlR (Target 86)																							
Protein binding		AIDA-I autotransporter (AIDA) [Cleaved into: Adhesin AIDA-I; AIDA-I translocator (AIDAc)] (Target 53)				Global transcriptional regulator Spx (Redox-responsive Transcription factor Spx) (Suppressor of clpP and clpX) (Spx) (Target 96)																			
Membrane protein			Sensor protein SrrB (EC 2.7.13.3) (Staphylococcal respiratory response protein B) (Target 8)		Autotransporter adhesin SadA (Salmonella adhesin A) (Type 5 secretion system autotransporter SadA) (Target 84)																				
RNA binding protein/ chaperone	Translational regulator CsrA (Carbon storage regulator) (Global Translational regulatory protein RsmA) (Target 98)	Carbon storage regulator (Translational dual regulator CsrA) (Target 97)																							

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DNA binding protein / toxin		mRNA interferase toxin MqsR (EC 3.1.--.-) (Endoribonuclease MqsR) (Motility quorum-sensing regulator MqsR) (Toxin MqsR) (Target 75); Antitoxin MqsA (Target 76)																							
Transcriptional regulator	Transcriptional regulator FleQ (Target 42); Exodeoxyribonuclease III (EC 3.1.11.2) (Target 59)																								
Transport protein				Phosphate-binding protein PstS (Target 52)																					
Fimbrial protein	Type IV major pilin protein PilA (Pilin) (Target 102)																								
Protein transport		Curli production assembly / transport component CsgG (Target 11)																							
Metal binding protein																	Putative large adhesion protein (Lap) involved in biofilm formation (Target 4)								
Signaling protein activator		Lipoprotein NlpE (Copper homeostasis protein CutF) (Target 82)																							
Peptide binding protein	Outer membrane porin F (Target 47)																								
Toxin inhibhitor		Antitoxin YefM (Target 95)																							
Calcium binding protein			Serine-rich adhesin for platelets (Adhesin SraP) (Staphylococcus aureus surface protein A) (SasA) (Target 54)																						
Ribosome		Toxin YoeB (EC 3.1.--.-) (Putative endoribonuclease YoeB) (Putative mRNA interferase Yoeb) (Target 94)																							
Chaperone / protein transport		Curli production assembly / transport component CsgE (Target 89)																							
Structural genomics / biosynthetic protein																									