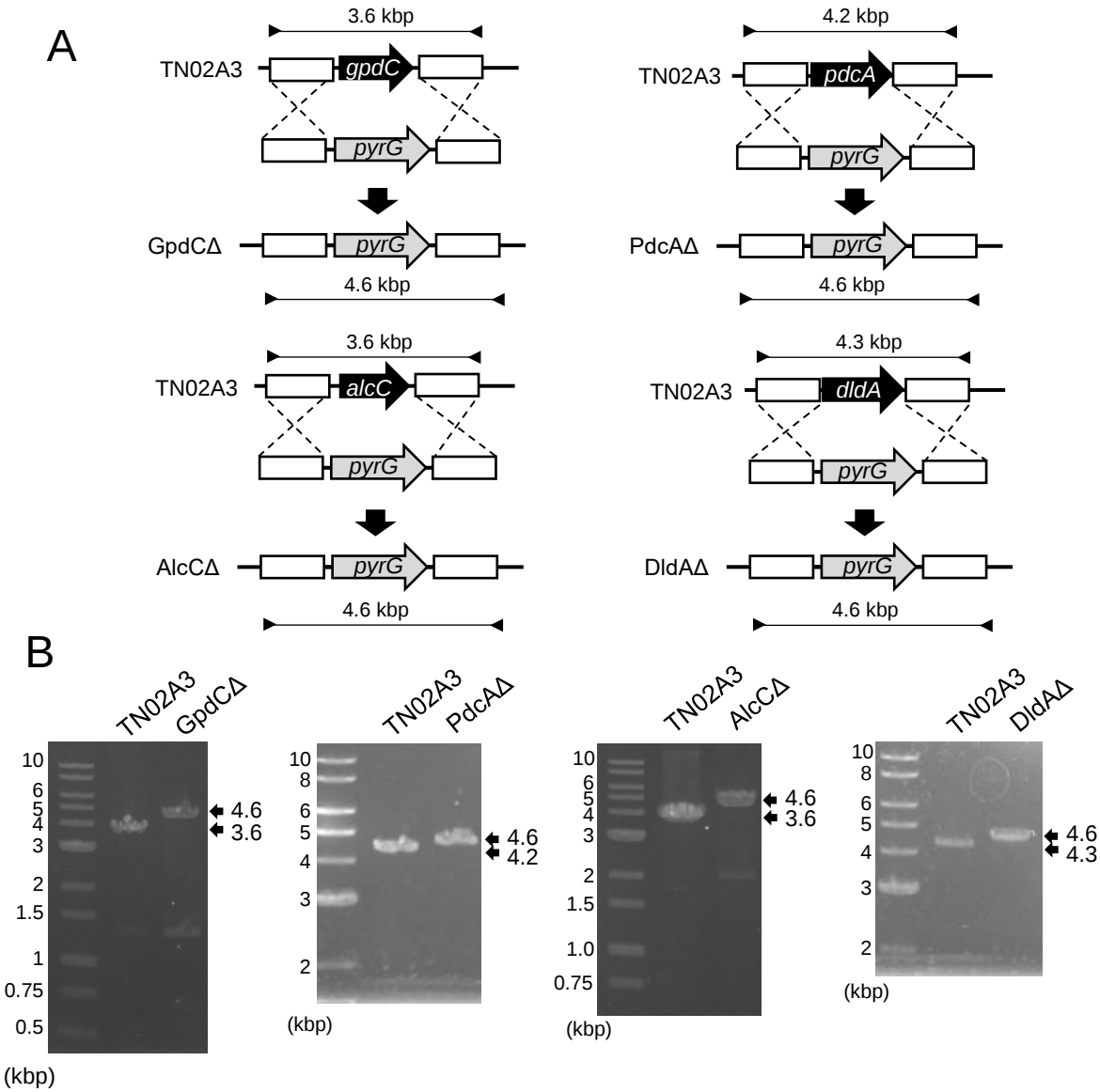
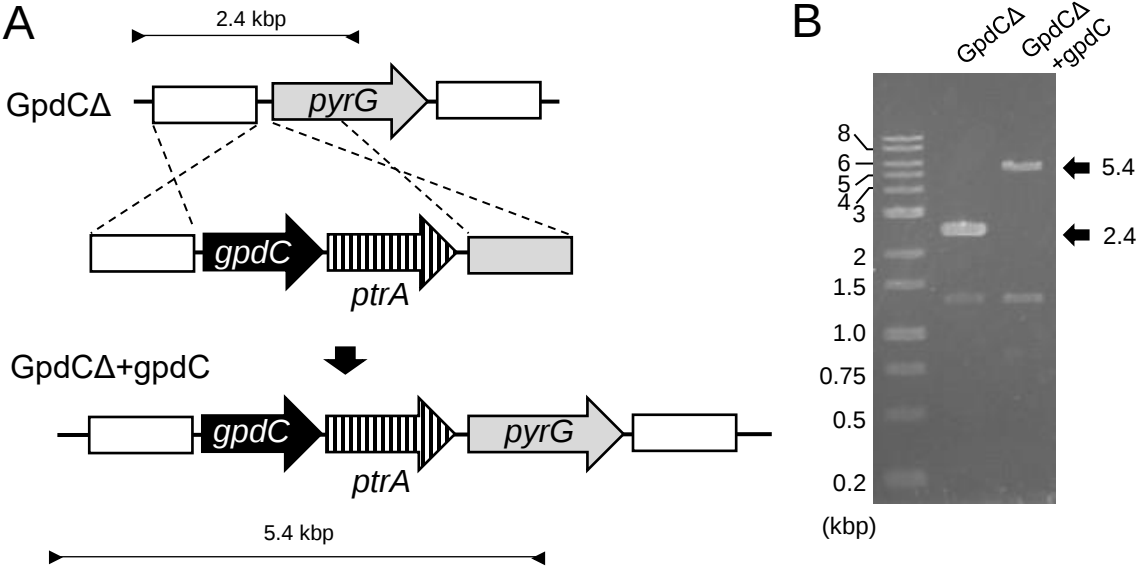
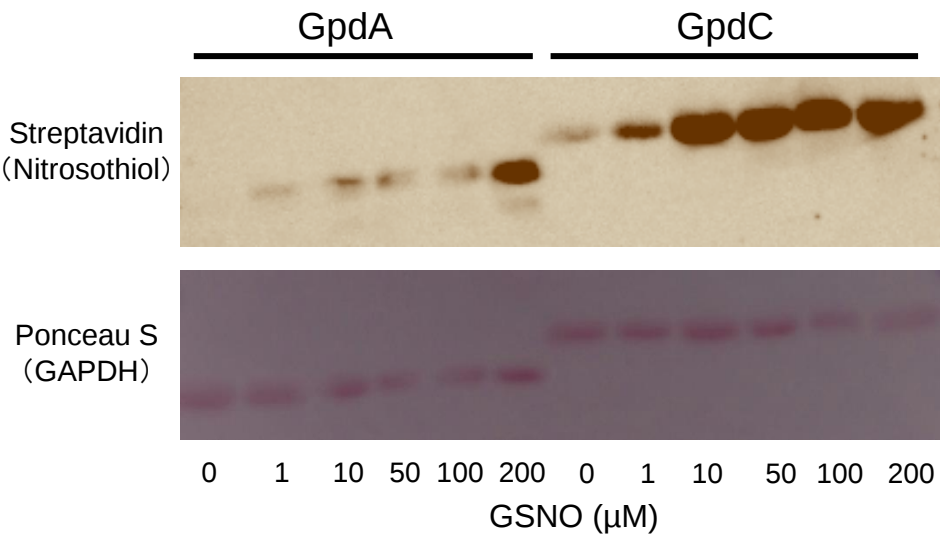








Protein	Sequence	Conserved Domains
Human GAPDH	MGKVKVGVNGFGRIGRLVTRAAFN SGKVDIVAINDPFIDLNVMVYMF	
GpdA	MAPKVGINGFGRIGRIVFRNAIEAGTVDVVAVNDPFIETHYAYML	
GpdC	MAPSINEIPISDSPSA[CRV]GINGFGRIGRNVLRVALARNDIQIVAINHT[CT]SVQDLIYL	***:***** * * * : . : : ** * . . : * : :
Human GAPDH	QYDSTHGKFHGTVKAENG—KLIVINGNPITIFQERDPSKIKWGDAGAEYVVESTGVFTT	
GpdA	KYDSQHQQFKGTIETYDE—GLIVNGKKIRFHTERDPANIPWQGQDAGAEYVESTGVFTT	
GpdC	RYDSSMGKLSPDIPHAISETQISVNGRPIALT SERDLKKLNWAALGAEYVVE[CT]GKFTK	:*** * : : : : ** * : * * : * * : : * . *****:*** ** ** :
Human GAPDH	MEKAGAHLGGG—AKRVIISAPSADAPMFVMGVNHEKYDN—SLKII SNASCTTNCLAPLA	
GpdA	QEKASAH LKGG—AKKVVISAPSADAPMFVMGVNNEYTKK—DIQVLSNASCTTNCLAPLA	
GpdC	RELAQDHITYGGA[KRV]VISAPSSDSPTYVYGVNADEYRANEETRVIS[CA]SCTTN[CV]TPVL	* * * : * ** : *****:*** * * * * : * . : : * *****:*** :
Human GAPDH	KVIHNDNFGIVEGLMTTVHAITATQKTVDGPSGKLWRDGRGALQNIIPASTGAAKAVGKVI	
GpdA	KVINDNFGIIEGLMTTVHSYTATQKVVDGPSAKDWRGGRTAATNIPSSGAAKAVGKVI	
GpdC	KVLQREFGIAQGFLT TVHAATKSQTVDGYSKKNRRLGRSVFDNIIP TTTGAAKAIASVL	** : : *** : * : ***** * : * . : ** * * * * * * . *****:*****: . * :
Human GAPDH	PELNGLTGMARVPTANVSVDLTCRLEKPAKYDDIKKVVKQASEGPLKGILGYTEHQV	
GpdA	PSLNGLTGMAMRVPTSNVSVDLTVRTEKAVTYDQIKDAVKKASENELKGILGYTEDDI	
GpdC	PELTG[KVT]GASIRVPTPNVSLIDLTVSTETPTSLAEILAAFRRAAKNELAGVLSVSDEVL	* . * . ** : ** : : ***** : *** : ***** * : * . . : : : . * * * . : : :
Human GAPDH	VSSDFNSDTHSSTFDAGAGIALNDHFVKLISWYDNEFGYSNRVVDLMAHMASKE—	
GpdA	VSTDNLGDTRSSIFDAKAGIALNSNFIKLVSWYDNEWGYSRRVVDLITYISKVDAQ	
GpdC	VSSDYLGDSSHSAIVDAAA[CE]SELNPTFFKIMAWYDNEWGYSSRLDLTRHIAHNE—	** : * . * : : . ** * * * * * * : *****:*** * : ** : : : :

■ Nitrosation /Oxidation ■ Acetylation ■ Phosphorylation