

A.

1	MRFNLFQAA.....SRLTYSRNGKLLTRGSLK.....ATSB	Enigma
1	.....SQC.....ATTA.....AAR	ACAD-9
1	.....TSSSWVIQNVGTLQLTGPKGDLPNNFETMWRHTIQSTV.....AGNSLRCRIAG	C67461
33	SLLDSQHQAATTEQRAEVSSEPEQDKLPTRP.....AKNPFQGVVKELLAYPEVPRDEMAQLE	Enigma
36	AC.....RGLVSTANRQRISSPYRAFAKELFGLKIKKKEVFPPEVSDDELNEIN	ACAD-9
54	SP.....KLGESNRSKELASENSP.....MNTFRSSLVSSGVPPYDVTAEQKELTY	C67461
99	NS.....PKNY.....VEPRETEETSP.....ETRQLGLSLVSTDTSEKRYQWSASLMASPEQSTQIN	Enigma
99	QF.....PVEKFFTEEVDSKIDREGKIDPEETIKKSLGLFGLDVPSEYGGLOFSNITMYRLEQETSMOOS	ACAD-9
105	SLTDGERRFSDVNAARNDANSKIDPITSTAMELQAGTGVPSFQGLQNTQIQRLEALVGVNDLQ	C67461
159	VTLGIDTRVVVDLREV.....GTPDQQRVQLDADKLG.....TEAIYEIIPPEEDYFNTIETLPEY	Enigma
138	IIVTLAHDALG.....KGLDQTEQKAKYLPKLASERAAAFQLTEP.....ASQSDAASIRSRATLSEDK	ACAD-9
175	LGIITGADHSG.....FKGLYSTPECKKYLPKVAEQVYAALATEP.....SGSDASIRSRRAVRSAGS	C67461
222	QKWLNQESFVICTPDERQLLVLAADQPNV.....PVLGRQTTLSVDSQEGVRLQEKHATFDQRKAEI	Enigma
203	KHYLNGSKMMITNGGANITVFAATEVDS.....DQSVKDKTAFIVERDQGGVINOAPEDKLRIDRNT	ACAD-9
240	KHYLNGSKMIS.....NGGAEITVFAATEVDPKTSFKADKMTAFIVERDQGGVINOAPEDKLRIDRNT	C67461
291	RYVHFEMKLGEDQVGLPHGNRYSEQLVRSRLRGLSLVLSLAKKLNELADITLVITDGVQLDLE	Enigma
271	CEVHFENTKPVENLGEVGGQFKVAMNINLSGRFSMQSVAQGLKRLIENTEYACTRQDKRKRSEFG	ACAD-9
309	AEVTEQVKPIPEINVLQESGGQFKVAMNINNSRFSMQATLSTGMKQDQATEHANNRVSDQKLNYS	C67461
361	LTRIMSRAMCSVYAMESMLVLTAGLDEFRAQDVTLESAITVSTLRQVYVAIDQNVGVVQPKSLLSQ	Enigma
341	LIGERLMAQKAYMESMTVLTAGLDDPFPDCSIEAAMQVSSSEAAQCVSEALQILGGLQVTRDY	ACAD-9
379	SLDEKADNIIQVATESMAFFITSONMIA.....SKDYHLEAATSAYASESAWVYVDEADILGGQVYVND	C67461
431	TT.....GQDADQDQESLDTLQFIALTGLQHAQAMNIGVRSRNF.....FIDGHEFKLQDNNSIDNPK	Enigma
411	PYRRLRDRILFEQTNLRMIALTGLQHAQRIILIRIHELQAKVSTVMDTVRRRDRSL.....GRG	ACAD-9
448	QLRVRDRIIRIFEGTNLRLRALTGLQHAQSHLQELQAFKNSA.....LGLTEASRRA.....AST	C67461
500	TKMQ.....LSEH.....VHPSLEAAQCI.....SVARLQMAVELMFTKHQNAVVEQSEMORLAEVGTLVAMV	Enigma
479	MDG.....LIDNHGVHPSLQADSANFENTICYRTVEILLRQKTEMEQLVKKRMANLNLIDYAMV	ACAD-9
514	MSGGTQLSGH.....VJGELPYAKTAHCIDYSGSVEILLRYNANVINGQLITRLANAAIDYAMV	C67461
564	SVARASRSYIQLADHELLTATLSEEDRVRRTLCTEITGGQFVNIDNVLVRLSKQVAKSKDYFA	Enigma
546	VLBRASRSIQLRNQDQVQLANTFQVAYLQNLFLSLQDKLQPE.....NDEQKKVSDQLKRAMIC	ACAD-9
581	TQSRSSAVNLTQDHELNMKALTIQASRVVKNLQAAATSSPHRSNEKSTIADTLENGDVT	C67461
632	VHPLIFIF	Enigma
614	AHPLDITC	ACAD-9
649	TGILDPI	C67461

B.

