Supplementary Table S7. Genome assembly quality and accession numbers of 30 colistin-

Isolate	Number of contigs	Genome size (Mbp)	Contig N50 (bp)	Contig L50 (bp)	GC (%)
955	110	3926502	133111	9	39
969	107	4092417	164862	10	38.9
1106	149	3945961	89076	15	38.9
1107	102	3953071	113818	11	39
1172	104	4219819	161773	8	38.9
1284	96	3976485	157859	11	38.8
1304	101	3976778	157859	11	38.8
1314	85	3797592	147859	10	39
1333	119	3812267	140984	9	38.9
1355	105	4099918	157589	10	38.9
1443	97	4085824	158941	10	38.9
1502	99	4218251	194260	7	38.8
1539	103	4094044	165217	10	38.9
1544	93	4218690	176140	8	38.9
1589	143	3995848	131053	10	38.9
1590	123	4007972	111755	12	38.8
1634	141	4012074	116387	11	38.9
1635	125	3991042	164862	10	39
1639	128	3784272	130150	9	39
1658	130	4009157	116387	11	38.8
1663	101	3980594	131052	10	38.8
1664	102	3807483	128272	11	38.9
1697	115	3987883	98609	11	38.9
1701	142	4107641	157589	11	38.9
1705	110	3988875	164862	9	38.8
1710	150	4127263	122100	10	39
1712	150	4230980	193616	8	38.9
1713	139	4227484	208012	8	38.9
1714	143	4227776	131053	9	38.9
1744	156	4099874	147307	11	38.9

-resistant *Acinetobacter baumannii* isolates used in this study

BioSample Accession	Accession number
SAMN30605843	JANYTG000000000
SAMN30605844	JANYTH000000000
SAMN30605845	JANYTI000000000
SAMN30605846	JANYTJ000000000
SAMN30605847	JANYTK000000000
SAMN30605848	JANYTL000000000
SAMN30605849	JANYTM000000000
SAMN30605850	JANYTN000000000
SAMN30605851	JANYTO000000000
SAMN30605852	JANYTP000000000
SAMN30605853	JANYTQ000000000
SAMN30605854	JANYTR000000000
SAMN30605855	JANYTS000000000
SAMN30605856	JANYTT000000000
SAMN30605857	JANYTU000000000
SAMN30605858	JANYTV000000000
SAMN30605859	JANYTW000000000
SAMN30605860	JANYTX000000000
SAMN30605861	JANYTY000000000
SAMN30605862	JANYTZ000000000
SAMN30605863	JANYUA000000000
SAMN30605864	JANYUB000000000
SAMN30605865	JANYUC000000000
SAMN30605866	JANYUD000000000
SAMN30605867	JANYUE000000000
SAMN30605868	JANYUF000000000
SAMN30605869	JANYUG000000000
SAMN30605870	JANYUH000000000
SAMN30605871	JANYUI000000000
SAMN30605872	JANYUJ000000000

Isolate	1664	1714	1713	1172	1502	1544	1710	1712	1701	969	1539	1443	1335	1304	1284	1744	1697	1635	1705	1663	1634	1590	1658	1589	955	1107	1106	1639	1333	1314
1664	0	12624	12624	12618	12616	12620	12632	12619	12086	12086	12102	12097	12087	12115	12109	12108	12111	12111	12099	12103	12111	12105	12105	12101	13075	13071	13081	13120	13332	13338
1714	12624	0	12	14	18	10	18	17	3251	3251	3265	3262	3252	3274	3268	3267	3268	3268	3256	3260	3266	3262	3262	3256	5883	5881	5891	6327	6302	6308
1713	12624	12	0	14	16	10	18	15	3249	3249	3265	3262	3250	3272	3266	3265	3268	3268	3256	3260	3266	3262	3262	3256	5881	5881	5891	6327	6302	6308
1172	12618	14	14	0	14	6	20	13	3249	3249	3263	3260	3250	3272	3266	3265	3266	3266	3254	3258	3264	3260	3260	3254	5883	5881	5891	6327	6302	6308
1502	12616	18	16	14	0	10	24	15	3247	3247	3263	3260	3248	3270	3264	3263	3266	3266	3254	3258	3264	3260	3260	3254	5879	5879	5889	6325	6300	6306
1544	12620	10	10	6	10	0	16	9	3255	3255	3269	3266	3256	3278	3272	3271	3272	3272	3260	3264	3270	3266	3266	3260	5887	5885	5895	6331	6306	6312
1710	12632	18	18	20	24	16	0	23	3267	3267	3269	3266	3268	3282	3272	3283	3268	3266	3260	3262	3270	3268	3268	3260	5897	5887	5901	6331	6310	6314
1712	12619	17	15	13	15	9	23	0	3246	3246	3262	3259	3247	3269	3263	3262	3265	3265	3253	3257	3263	3259	3259	3253	5878	5878	5888	6324	6299	6305
1701	12086	3251	3249	3249	3247	3255	3267	3246	0	3	20	21	9	61	55	54	63	61	51	55	63	57	57	53	2820	2820	2832	3573	3532	3538
969	12086	3251	3249	3249	3247	3255	3267	3246	3	0	20	21	9	61	55	54	63	61	51	55	63	57	57	53	2820	2820	2832	3573	3532	3538
1539	12102	3265	3265	3263	3263	3269	3269	3262	20	20	0	25	27	61	57	72	55	53	51	49	55	53	53	59	2836	2828	2836	3573	3542	3538
1443	12097	3262	3262	3260	3260	3266	3266	3259	21	21	25	0	18	60	50	67	52	50	44	50	56	54	52	54	2829	2821	2837	3566	3537	3533
1335	12087	3252	3250	3250	3248	3256	3268	3247	9	9	27	18	0	62	56	55	64	64	52	56	64	58	58	54	2821	2821	2833	3574	3533	3539
1304	12115	3274	3272	3272	3270	3278	3282	3269	61	61	61	60	62	0	12	41	54	62	58	60	56	58	58	66	2837	2831	2841	3580	3541	3547
1284	12109	3268	3266	3266	3264	3272	3272	3263	55	55	57	50	56	12	0	35	60	58	48	54	60	58	56	58	2831	2825	2839	3570	3539	3535
1744	12108	3267	3265	3265	3263	3271	3283	3262	54	54	72	67	55	41	35	0	79	79	67	71	77	71	71	69	2836	2836	2848	3589	3548	3554
1697	12111	3268	3268	3266	3266	3272	3268	3265	63	63	55	52	64	54	60	79	0	18	26	26	34	40	38	22	2833	2823	2833	3568	3537	3535
1635	12111	3268	3268	3266	3266	3272	3266	3265	61	61	53	50	64	62	58	79	18	0	26	26	42	38	38	24	2833	2825	2833	3568	3539	3535
1705	12099	3256	3256	3254	3254	3260	3260	3253	51	51	51	44	52	58	48	67	26	26	0	16	36	34	32	28	2821	2813	2827	3556	3527	3523
1663	12103	3260	3260	3258	3258	3264	3262	3257	55	55	49	50	56	60	54	71	26	26	16	0	40	38	36	30	2829	2823	2829	3566	3537	3531
1634	12111	3266	3266	3264	3264	3270	3270	3263	63	63	55	56	64	56	60	77	34	42	36	40	0	8	6	48	2833	2825	2833	3568	3539	3535
1590	12105	3262	3262	3260	3260	3266	3268	3259	57	57	53	54	58	58	58	71	40	38	34	38	8	0	4	42	2827	2823	2827	3566	3533	3533
1658	12105	3262	3262	3260	3260	3266	3268	3259	57	57	53	52	58	58	56	71	38	38	32	36	6	4	0	46	2827	2819	2829	3564	3533	3531
1589	12101	3256	3256	3254	3254	3260	3260	3253	53	53	59	54	54	66	58	69	22	24	28	30	48	42	46	0	2823	2821	2829	3570	3531	3535
955	13075	5883	5881	5883	5879	5887	5897	5878	2820	2820	2836	2829	2821	2837	2831	2836	2833	2833	2821	2829	2833	2827	2827	2823	0	54	74	1328	1271	1277
1107	13071	5881	5881	5881	5879	5885	5887	5878	2820	2820	2828	2821	2821	2831	2825	2836	2823	2825	2813	2823	2825	2823	2819	2821	54	0	42	1312	1265	1263
1106	13081	5891	5891	5891	5889	5895	5901	5888	2832	2832	2836	2837	2833	2841	2839	2848	2833	2833	2827	2829	2833	2827	2829	2829	74	42	0	1336	1289	1289
1639	13120	6327	6327	6327	6325	6331	6331	6324	3573	3573	3573	3566	3574	3580	3570	3589	3568	3568	3556	3566	3568	3566	3564	3570	1328	1312	1336	0	769	757
1333	13332	6302	6302	6302	6300	6306	6310	6299	3532	3532	3542	3537	3533	3541	3539	3548	3537	3539	3527	3537	3539	3533	3533	3531	1271	1265	1289	769	0	16
1314	13338	6308	6308	6308	6306	6312	6314	6305	3538	3538	3538	3533	3539	3547	3535	3554	3535	3535	3523	3531	3535	3533	3531	3535	1277	1263	1289	757	16	0

Fig S1. Heatmap of genomic average nucleotide identity (ANI) values for pairwise comparison based on core-genome SNP data between colistin-resistant *Acinetobacter baumannii* isolates from Serbia (n=30). The number of SNP differences detected among the isolates are listed in the figure.

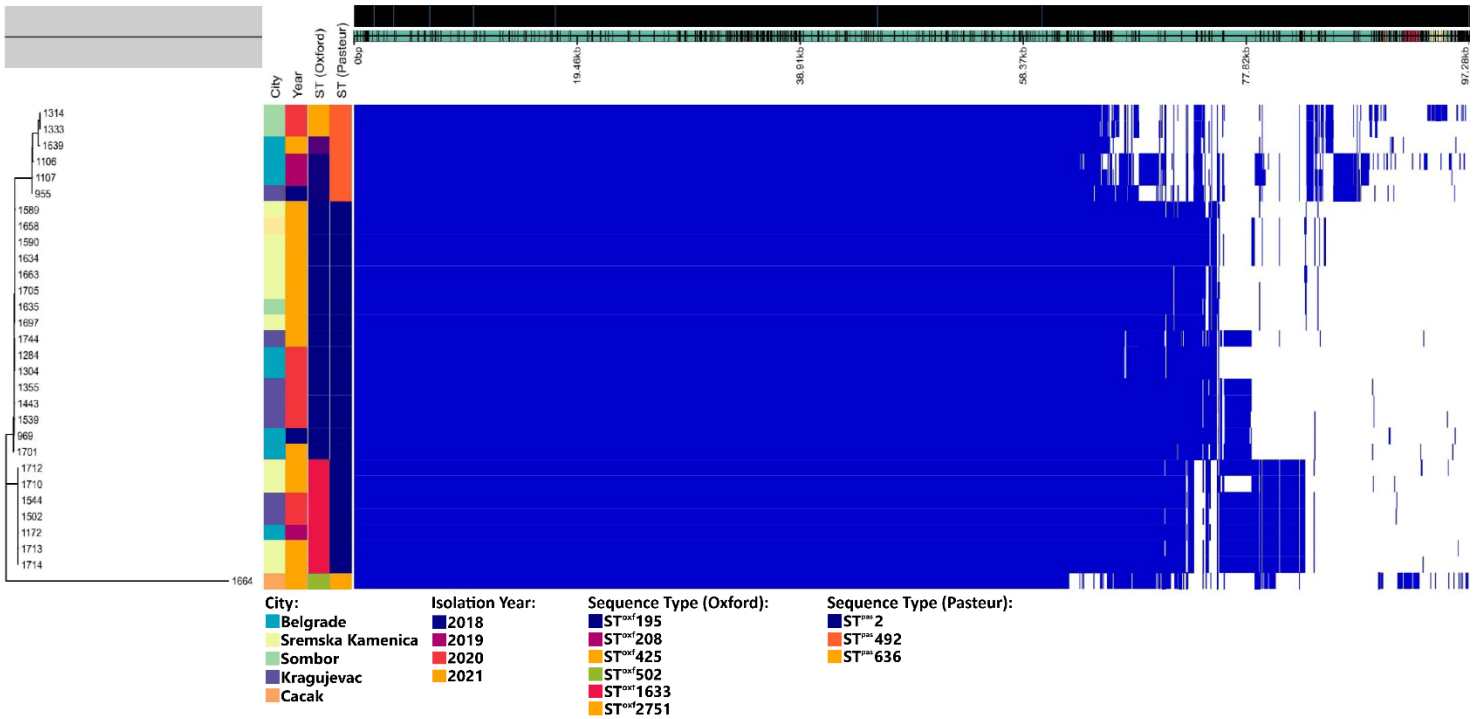

Fig S2. Presence and absence matrix of pan genes against an SNP-based phylogenetic tree of 30 colistin-resistant *Acinetobacter baumannii* clinical isolates from Serbia.

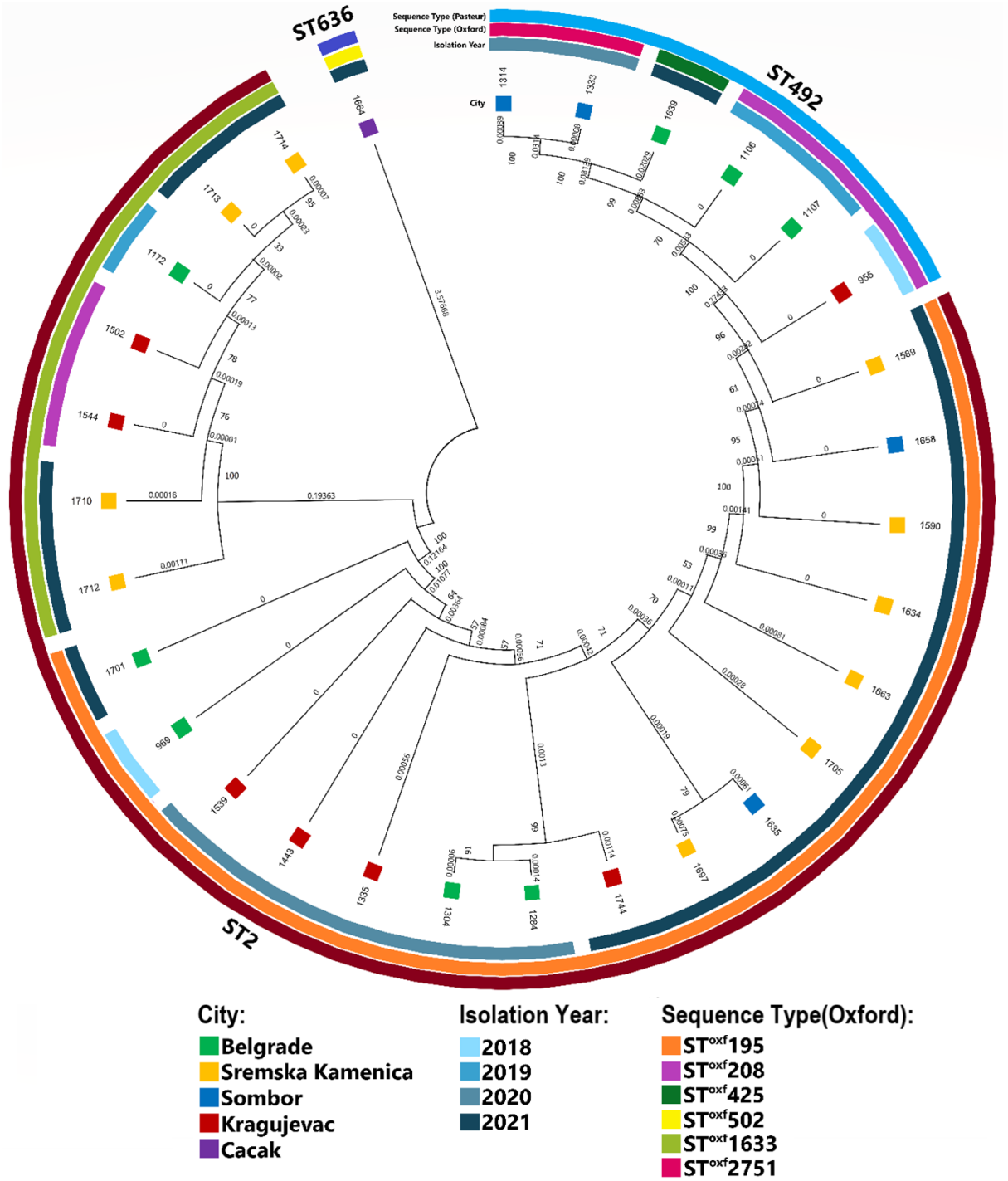

Fig. S3. Phylogenetic tree constructed by calling 16,805 SNPs from core gene alignment of the 30 colistin-resistant *Acinetobacter baumannii* clinical isolates using the neighbour-joining method with 1000 bootstraps. The different cities can be distinguished by colour codes displayed in the figure legend; the fragments with varying colours in the outer rings represent corresponding sequence types (STs), the outer ring depicts detected STs based on the Pasteur scheme, the middle ring shows STs based on the Oxford scheme, and the innermost ring representing the year of the isolation. Bootstrap values (expressed as percentages of 1000 replications) are shown at the branch points, and the numbers on branches represent the estimated number of substitutions per site.