

S1 Table. IC₅₀ values of different *T. annulata* isolates prepared before and after buparvaquone treatment.

Animal Code	Isolate Code	Treatment	IC ₅₀ (ng/mL)	Animal Code	Isolate code	Treatment	IC ₅₀ (ng/mL)	Animal Code	Isolate code	Treatment	IC ₅₀ (ng/mL)
1	A1/BT	Before treatment	2.0	43	A115/AT1	After 1 st treatment	3.17	85	A162/BT	Before treatment	1.34
					A115/AT2	After 2 nd treatment	6.36				
2	A2/BT	Before treatment	3.20	44	A116/AT2	After 2 nd treatment	5.02	86	A163/BT	Before treatment	1.96
3	A3/BT	Before treatment	2.63	45	A117/AT1	After 1 st treatment	2.16	87	A164/BT	Before treatment	0.88
4	A5/BT	Before treatment	2.16	46	A118/BT	Before treatment	5.02	88	A166/BT	Before treatment	2.57
5	A6/BT	Before treatment	3.52	47	A119/BT	Before treatment	2.27	89	A167/BT	Before treatment	2.09
6	A7/BT	Before treatment	6.95	48	A120/AT1	After 1 st treatment	2.18	90	A168/AT1	After 1 st treatment	3.27
									A168/AT3	After 3 rd treatment	4.59
7	A8/BT	Before treatment	6.59	49	A121/AT1	After 1 st treatment	2.05	91	A169/BT	Before treatment	0.68
8	A9/BT	Before treatment	0.72	50	A122/AT1	After 1 st treatment	9.66	92	A170/AT1	After 1 st treatment	3.21
					A122/AT2	After 2 nd treatment	10.70				
9	A10/BT	Before treatment	16.75	51	A123/BT	Before treatment	3.87	93	A171/BT	Before treatment	0.76
	A10/AT3	After 3 rd treatment	135.0								
10	A11/AT1	After 1 st treatment	1.83	52	A124/AT1	After 1 st treatment	1.34	94	A172/BT	Before treatment	0.79
11	A12/AT1	After 1 st treatment	2.96	53	A125/BT	Before treatment	2.91	95	A173/BT	Before treatment	0.24
12	A13/AT1	After 1 st treatment	3.83	54	A126/BT	Before treatment	1.34	96	A174/BT	Before treatment	2.27
13	A14/AT2	After 2 nd treatment	2.62	55	A127/BT	Before treatment	1.15	97	A175/BT	Before treatment	2.0
14	A15/AT3	After 3 rd treatment	0.63	56	A128/BT	Before treatment	0.69	98	A176/BT	Before treatment	3.21
15	A16/AT1	After 1 st treatment	5.56	57	A129/BT	Before treatment	1.67	99	A177/AT1	After 1 st treatment	2.97
									A177/AT2	After 2 nd treatment	6.36
16	A17/AT1	After 1 st treatment	5.0	58	A130/BT	Before treatment	1.54	100	A178/BT	Before treatment	2.63
17	A18/AT1	After 1 st treatment	3.63	59	A131/BT	Before treatment	0.34	101	A179/BT	Before treatment	2.16
									A179/AT1	After 1 st treatment	1.97
18	A21/AT1	After 1 st treatment	16.75	60	A132/AT2	After 2 nd treatment	3.21	102	A180/BT	Before treatment	1.47
	A21/AT3	After 3 rd treatment	25.53						A180/AT2	After 2 nd treatment	7.48
	A21/AT4	After 4 th treatment	73.79								
19	A24/BT	Before treatment	1.95	61	A133/BT	Before treatment	1.86	103	A181/BT	Before treatment	1.95
20	A25/AT1	After 1 st treatment	1.46	62	A134/AT1	After 1 st treatment	3.28	104	AC1/BT	Before treatment	4.36
21	A26/BT	Before treatment	3.27	63	A135/BT	Before treatment	0.85	105	AC2/BT	Before treatment	1.34
22	A27/BT	Before treatment	1.40	64	A136/BT	Before treatment	2.02	106	G1/BT	Before treatment	1.46
23	A28/BT	Before treatment	1.47	65	A137/BT	Before treatment	0.52	107	G2/BT	Before treatment	2.05
24	A29/BT	Before treatment	1.39	66	A138/BT	Before treatment	0.73	108	G3/BT	Before treatment	4.73
25	A30/BT	Before treatment	1.19	67	A139/BT	Before treatment	1.02	109	G4/BT	Before treatment	1.57
26	A31/BT	Before treatment	2.58	68	A143/AT1	After 1 st treatment	2.31	110	N1/BT	Before treatment	2.31

27	A32/BT	Before treatment	1.15	69	A144/BT	Before treatment	0.85	111	N2/BT	Before treatment	1.98
28	A33/BT	Before treatment	1.34	70	A145/AT2	After 2 nd treatment	1.67	112	N3/BT	Before treatment	3.15
29	A34/BT	Before treatment	0.76	71	A148/AT4	After 4 th treatment	6.20	113	N4/BT	Before treatment	2.31
30	A100/BT	Before treatment	2.16	72	A149/BT	Before treatment	1.50	114	N5/BT	Before treatment	2.04
	A100/AT1	After 1 st treatment	1.51								
31	A101/BT	Before treatment	2.07	73	A150/AT1	After 1 st treatment	2.97	115	K1/BT	Before treatment	4.69
	A101/AT2	After 2 nd treatment	1.50								
32	A102/BT	Before treatment	3.52	74	A151/AT1	After 1 st treatment	6.36	116	K2/BT	Before treatment	3.87
33	A103/AT1	After 1 st treatment	1.57	75	A152/BT	Before treatment	1.69	117	M1/BT	Before treatment	3.19
34	A106/BT	Before treatment	2.58	76	A153/BT	Before treatment	0.92	118	M2/AT1	After 1 st treatment	0.80
35	A107/BT	Before treatment	1.15	77	A154/AT1	After 1 st treatment	1.15	119	M3/BT	Before treatment	2.91
36	A108/BT	Before treatment	1.34	78	A155/AT1	After 1 st treatment	3.11	120	M4/BT	Before treatment	4.59
37	A109/BT	Before treatment	5.56	79	A156/AT1	After 1 st treatment	2.16	121	CN1/BT	Before treatment	0.78
	A109/AT2	After 2 nd treatment	1.55		A156/AT2	After 2 nd treatment	3.52				
					A156/AT3	After 3 rd treatment	4.73				
38	A110/AT3	After 3 rd treatment	5.56		A157/BT	Before treatment	1.55	122	CN2/BT	Before treatment	1.39
39	A111/BT	Before treatment	1.83	81	A158/BT	Before treatment	0.89	123	CN3/BT	Before treatment	3.56
40	A112/BT	Before treatment	1.28	82	A159/BT	Before treatment	0.69	124	C1/BT	Before treatment	1.37
41	A113/BT	Before treatment	3.19	83	A160/BT	Before treatment	1.67	125	S1/AT1	After 1 st treatment	2.57
42	A114/AT1	After 1 st treatment	1.34	84	A161/BT	Before treatment	1.57	126	S2/AT1	After 1 st treatment	2.71

The letter at the beginning of the isolate code represents the provinces from which the isolate originated (A; Akcaova, AC; İncirliova, G; Germencik, N; Nazilli, K; Köşk, M; Center, CN; Koçarlı, C; Cine, S; Söke).

BT; indicates *T. annulata* isolates prepared before drug treatment

AT; indicates *T. annulata* isolates prepared after drug treatment. AT1-4 represents the number of drug treatments.