Supplementary Materials S2. The analysis of correlation between the antimicrobial effect of *Thymus* species against the analyzed strains and the chemical composition. Pearson correlation between the chemical composition and OD values for TgS, TpP, TpC, TpB, TvL 16%

TgS	*S. pyogenes*	*S. aureus*	*S. flexneri*	*P. aeruginosa*	*E. coli*	*S. typhimurium*	*H. influenzae*	*C. parapsilopsis*	*C. albicans*	Carvacrol	Thymol	p-Cymene	γ-Terpinene	Linalool
S. pyogenes	1													
S. aureus	-0.569	1												
S. flexneri	-0.569	1	1											
P. aeruginosa	-0.980	0.721	0.721	1										
E. coli	-0.082	0.866	0.866	0.277	1									
S. typhimurium	0.807	-0.945	-0.945	-0.908	-0.655	1								
H. influenzae	-0.997	0.500	0.500	0.961	0.000	-0.756	1							
C. parapsilopsis	0.569	-1.000	-1.000	-0.721	-0.866	0.945	-0.500	1						
C. albicans	0.249	0.655	0.655	-0.052	0.945	-0.371	-0.327	-0.655	1					
Carvacrol	0.783	-0.957	-0.957	-0.890	-0.684	0.999	-0.729	0.957	-0.408	1				
Thymol	0.166	-0.905	-0.905	-0.358	-0.996	0.716	-0.085	0.905	-0.914	0.744	1			
p-Cymene	0.904	-0.866	-0.866	-0.971	-0.500	0.982	-0.866	0.866	-0.189	0.974	0.572	1		
γ-Terpinene	0.852	-0.916	-0.916	-0.938	-0.592	0.997	-0.806	0.916	-0.296	0.993	0.658	0.994	1	
Linalool	-0.528	-0.397	-0.397	0.350	-0.803	0.075	0.596	0.397	-0.954	0.115	0.749	-0.115	-0.005	1

TpP	*S. pyogenes*	*S. aureus*	*S. flexneri*	*P. aerugi-nosa*	*E. coli*	*S. typhimurium*	*H. influenzae*	*C. para-psilopsis*	*C. albicans*	Carva-crol	Thym ol	p-Cymene	γ-Terpinene	Gerani ol
S. pyogenes	1													
S. aureus	-0.106	1												
S. flexneri	0.858	0.419	1											
P. aeruginosa	0.000	-0.994	-0.513	1										
E. coli	-0.225	-0.945	-0.693	0.974	1									
S. typhimurium	0.731	-0.756	0.277	0.682	0.500	1								
H. influenzae	0.468	-0.929	-0.052	0.884	0.756	0.945	1							
C. parapsilopsis	0.731	-0.756	0.277	0.682	0.500	1.000	0.945	1						
C. albicans	-0.589	0.866	-0.091	-0.808	-0.655	-0.982	-0.990	-0.982	1					
Carvacrol	-0.982	0.291	-0.747	-0.187	0.038	-0.846	-0.625	-0.846	0.730	1				
Thymol	-0.998	0.171	-0.823	-0.065	0.161	-0.774	-0.525	-0.774	0.641	0.992	1			
p-Cymene	0.925	0.280	0.989	-0.381	-0.579	0.417	0.096	0.417	-0.237	-0.837	-0.898	1		
γ-Terpinene	-0.997	0.189	-0.812	-0.084	0.143	-0.786	-0.540	-0.786	0.655	0.995	1.000	-0.890	1	
Geraniol	0.914	-0.500	0.577	0.405	0.189	0.945	0.786	0.945	-0.866	-0.974	-0.939	0.691	-0.945	1

TpC	*S. pyogenes*	*S. aureus*	*S. flexneri*	*P. aeruginosa*	*E. coli*	*S. typhimurium*	*H. influen zae*	*C. parapsilopsis*	*C. albicans*	Carva crol	Thym ol	p-Cymene	γ-Terpine ne	Gerani ol	Linalo ol
S. pyogenes	1														
S. aureus	0.189	1													
S. flexneri	0.655	0.866	1												
P. aeruginosa	0.163	-0.938	-0.639	1											
E. coli	0.999	0.225	0.682	0.127	1										
S. typhimurium	0.756	-0.500	0.000	0.769	0.731	1									
H. influenzae	0.984	0.359	0.778	-0.013	0.990	0.629	1								
C. parapsilopsis	0.000	0.982	0.756	-0.987	0.037	-0.655	0.176	1							
C. albicans	-0.327	0.866	0.500	-0.986	-0.292	-0.866	-0.156	0.945	1						
Carvacrol	0.999	0.146	0.621	0.206	0.997	0.784	0.976	-0.043	-0.368	1					
Thymol	-0.955	0.111	-0.401	-0.449	-0.943	-0.916	-0.888	0.297	0.593	-0.967	1				
p-Cymene	0.655	0.866	1.000	-0.639	0.682	0.000	0.778	0.756	0.500	0.621	-0.401	1			
γ -Terpinene	-1.000	-0.171	-0.640	-0.182	-0.998	-0.768	-0.981	0.019	0.345	-1.000	0.960	-0.640	1		
Geraniol	0.800	0.741	0.977	-0.462	0.821	0.212	0.893	0.600	0.305	0.773	-0.586	0.977	-0.788	1	
Linalool	-0.990	-0.327	-0.756	-0.021	-0.994	-0.655	-0.999	-0.143	0.189	-0.983	0.903	-0.756	0.987	-0.877	1

TpB	*S. pyogenes*	*S. aureus*	*S. flexneri*	*P. aeruginosa*	*E. coli*	*S. typhimurium*	*H. influenzae*	*C. parapsilopsis*	*C. albicans*	Carvacrol	Thymol	γ-Terpinene	cis-Geraniol	Linalool
S. pyogenes	1													
S. aureus	-0.640	1												
S. flexneri	-0.866	0.939	1											
P. aeruginosa	-0.952	0.375	0.672	1										
E. coli	-0.866	0.171	0.500	0.977	1									
S. typhimurium	0.655	0.161	-0.189	-0.854	-0.945	1								
H. influenzae	-0.945	0.857	0.982	0.800	0.655	-0.371	1							
C. parapsilopsis	0.000	-0.768	-0.500	0.305	0.500	-0.756	-0.327	1						
C. albicans	0.000	0.768	0.500	-0.305	-0.500	0.756	0.327	-1	1					
Carvacrol	-0.814	0.076	0.415	0.553	0.995	-0.972	0.579	0.581	-0.581	1				
Thymol	-0.866	0.171	0.500	0.477	1.000	-0.945	0.655	0.500	-0.500	0.995	1			
γ -Terpinene	-0.610	-0.218	0.132	0.423	0.924	-0.998	0.317	0.792	-0.792	0.957	0.924	1		
cis-geraniol	-0.810	0.069	0.409	0.351	0.995	-0.973	0.574	0.586	-0.586	1.000	0.995	0.959	1	
Linalool	-0.564	-0.273	0.075	0.589	0.901	-0.993	0.262	0.826	-0.826	0.939	0.901	0.998	0.941	1

TvL	*S. pyogenes*	*S. aureus*	*S. flexneri*	*P. aeruginosa*	*E. coli*	*S. typhimurium*	*H. influenzae*	*C. parapsilopsis*	*C. albicans*	Carvacrol	Thymol	p-Cymene	γ -Terpinene
S. pyogenes	1												
S. aureus	-0.189	1											
S. flexneri	-0.189	1	1										
P. aeruginosa	0.862	0.336	0.336	1									
E. coli	-0.262	0.997	0.997	0.264	1								
S. typhimurium	0.000	0.000	0.000	0.000	0.000	1							
H. influenzae	0.954	0.115	0.115	0.974	0.040	0	1						
C. parapsilopsis	0.317	-0.991	-0.991	-0.208	-0.998	0	0.017	1					
C. albicans	-0.663	-0.610	-0.610	-0.951	-0.549	0	-0.857	0.500	1				
Carvacrol	-1.000	0.189	0.189	-0.862	0.262	0	-0.954	-0.317	0.663	1			
Thymol	-0.771	0.771	0.771	-0.341	0.817	0	-0.544	-0.848	0.034	0.771	1		
p-Cymene	-0.011	-0.980	-0.980	-0.517	-0.962	0	-0.311	0.945	0.756	0.011	-0.628	1	
γ-Terpinene	-0.032	-0.975	-0.975	-0.535	-0.956	0	-0.331	0.938	0.770	0.032	-0.612	1	1