Supplemental Table S9. The Pearson Correlation Coefficient of the 46 *ZmbZIP* genes expressed under four kinds of fungal infections

PCC	ZmbZIP37	ZmbZIP94	ZmbZIP28	ZmbZIP110_a	ZmbZIP110_b	ZmbZIP9	ZmbZIP16	ZmbZIP17	ZmbZIP60	ZmbZIP65	ZmbZIP85_a	ZmbZIP85_b	ZmbZIP112	ZmbZIP40_a	ZmbZIP40_b	ZmbZIP77	ZmbZIP100	ZmbZIP105	ZmbZIP114	ZmbZIP35	ZmbZIP45	ZmbZIP47	ZmbZIP56	ZmbZIP62	ZmbZIP76	ZmbZIP21	ZmbZIP33_a	ZmbZIP33_b	ZmbZIP83	ZmbZIP86	ZmbZIP120_a	ZmbZIP120_b	ZmbZIP123	ZmbZIP6	ZmbZIP19	ZmbZIP20	ZmbZIP53	ZmbZIP91	ZmbZIP92	ZmbZIP8_a	ZmbZIP8_b	ZmbZIP64	ZmbZIP74	ZmbZIP88
ZmbZIP37	1																																											
ZmbZIP94	0.547944815	1																																										
ZmbZIP28	0.638485065	0.460613967	1																																									
ZmbZIP110_a	0.122027997	-0.09498037	0.142367714	1																																								
ZmbZIP110_b	-0.02570496	-0.09401797	0.159439516	0.297365241	1																																							
ZmbZIP9	-0.28926654	-0.10583815	0.097995396	0.703976984	0.428712566	1																																						
ZmbZIP16	-0.07107853	0.388495344	0.468488498	-0.28165167	-0.09791914	-0.09039461	1																																					
ZmbZIP17	-0.07107853	0.388495344	0.468488498	-0.28165167	-0.09791914	-0.09039461	1	1																																				
ZmbZIP60	-0.20090872	0.166566475	0.314637157	-0.09070597	0.102350722	0.456035865	0.455116659	0.455116659	1																																			
ZmbZIP65	0.496302491	0.527678372	0.882357195	-0.16034798	0.113530846	-0.0325724	0.588049668	0.588049668	0.480173844	1																																		
ZmbZIP85_a	-0.34379785	-0.02021521	-0.26370004	0.066262611	-0.12079136	0.176369738	0.154873511	0.154873511	0.132376183	-0.14260812	1																																	
ZmbZIP85_b	-0.27219221	0.016321676	-0.17454414	-0.00028078	-0.07655187	0.061899675	0.228823384	0.228823384	0.080267147	-0.04689899	0.903032142	1																																
ZmbZIP112	-0.4697767	-0.11292806	-0.1741071	-0.38218885	0.133033392	0.257464094	-0.04102946	-0.04102946	0.602144882	0.101678877	0.109426638	0.095983441	1																															
ZmbZIP18	-0.37240163	-0.05990526	0.119149808	0.133002748	0.510764364	0.661359189	0.212725619	0.212725619	0.670200112	0.141693824	-0.03725948	-0.08524356	0.418948294																															
ZmbZIP38	0.474430214	0.755127739	0.282203303	-0.08688103	-0.13351817	-0.15738928	0.288688451	0.288688451	0.078648179	0.351622903	-0.1310525	-0.0830549	-0.16526744																															
ZmbZIP40_a	0.784476594	0.225229581	0.732947608	0.249782182	-0.08547383	-0.13434837	0.115003517	0.115003517	-0.00074351	0.567706321	-0.20291716	-0.10142191	-0.47433277	1																														
ZmbZIP40_b	0.515064269	0.193401554	0.459039484	0.143718997	0.044342142	0.033908775	0.048207339	0.048207339	0.277590186	0.443922655	0.03582391	0.118256794	-0.1089351	0.775672799	1																													
ZmbZIP77	0.487441795	0.625840205	0.260244726	-0.17681768	-0.08007141	-0.24459361	0.250095886	0.250095886	0.017635392	0.351254795	-0.07859274	-0.04980838	-0.17417634	0.267089372	0.339699371	1																												
ZmbZIP100	0.442201936	0.70075609	0.30268713	-0.0134204	-0.0766229	-0.14570609	0.148721651	0.148721651	-0.00980551	0.281716446	-0.07515865	-0.04766323	-0.207014	0.158339539	0.021856995	-0.02351043	1																											
ZmbZIP105	0.784476594	0.225229581	0.732947608	0.249782182	-0.08547383	-0.13434837	0.115003517	0.115003517	-0.00074351	0.567706321	-0.20291716	-0.10142191	-0.47433277	1	0.775672799	0.267089372	0.158339539	1																										
ZmbZIP114	0.043517984	0.082686077	0.663815765	0.237531652	0.343356235	0.586169937	0.318664227	0.318664227	0.725135612	0.661690731	-0.07498197	-0.09661107	0.375829389	0.331261952	0.435177701	-0.08647105	-0.0245595	0.331261952	1																									
ZmbZIP35	0.124030413	0.343391839	0.402891236	0.365137509	0.068255555	0.354161798	0.540188609	0.540188609	0.27992635	0.200860204	0.24447602	0.318219769	-0.36111643	0.278827259	0.267371385	0.256295033	0.125217847	0.278827259	0.238476878	1																								
ZmbZIP45	-0.25232122	0.350723725	-0.19278207	-0.54097708	0.115141463	0.015722793	0.085681601	0.085681601	0.327280334	0.096549117	-0.01029069	-0.0675429	0.590606482	-0.53665249	-0.1979234	0.175943642	0.2232168	-0.53665249	0.064028077	-0.23734867	1																							
ZmbZIP47	0.082470259	0.10317259	0.08102229	0.218990417	-0.07093907	-0.14427764	0.383209912	0.383209912	-0.04403568	0.052622562	0.098148574	0.242466328	-0.3973369	0.189617205	0.023881705	0.076390296	0.064175487	0.189617205	-0.15334296	0.43311795	-0.52211835	1																						
ZmbZIP56	0.041318704	0.028123743	-0.49413941	-0.32393871	-0.22269278	-0.4972101	-0.32131662	-0.32131662	-0.62922106	-0.51921312	-0.08694583	-0.13856546	-0.31693143	-0.33608498	-0.41883106	0.257419187	0.010418653	-0.33608498	-0.82057094	-0.20649956	0.20490942	-0.17746881	1																					
ZmbZIP62	-0.17296695	0.572803167	-0.21438073	-0.41147648	-0.02925984	-0.00668087	0.242889215	0.242889215	0.403092059	0.109293774	0.201134622	0.191115805	0.504187673	-0.41984856	-0.00834861	0.341766959	0.343353216	-0.41984856	-0.0172364	-0.01663983	0.778385923	-0.09150801	0.028006187	1																				
ZmbZIP76	0.129047793	0.518688519	0.640788825	0.100529101	0.162693256	0.386018082	0.681657546	0.681657546	0.783925092	0.736396964	0.081432381	0.118673636	0.261613814	0.251190287	0.295887719	0.178181235	0.286546122	0.251190287	0.721251557	0.487875592	0.139453255	0.276865983	-0.7274221	0.358754757	1																			
ZmbZIP21	0.746102459	0.56460568	0.738368742	-0.2651938	-0.10590376	-0.51277227	0.46739807	0.46739807	-0.04672118	0.697519055	-0.33149273	-0.20371452	-0.38359004	0.64279256	0.265954597	0.419619335	0.45959466	0.64279256	0.073589737	0.223767224	-0.1339716	0.26053513	-0.00580067	-0.09489808	0.331558736	1																		
ZmbZIP33_a	0.317517307	0.354069359	0.772932928	0.37985302	0.175011848	0.448889249	0.422239438	0.422239438	0.524789817	0.694412008	-0.14584723	-0.18571388	-0.01731844	0.440085331	0.282542697	0.112823319	0.167484981	0.440085331	0.787772873	0.418408047	-0.15458052	0.222233367	-0.66963524	-0.10093359	0.77907285	0.340255733	1																	
ZmbZIP33_b	0.549993986	0.652951029	0.827899879	0.249348011	0.088391784	0.242021036	0.445546506	0.445546506	0.475599044	0.81265414	-0.11797324	-0.12493789	-0.04924241	0.546477434	0.428825322	0.343488982	0.419895009	0.546477434	0.680082414	0.374691866	-0.05198722	0.204927376	-0.57146593	0.11658167	0.803206897	0.527181435	0.894497184	1																
ZmbZIP83	0.450090027	0.78932683	0.504849831	-0.44231385	-0.08925637	-0.2534074	0.521935018	0.521935018	0.376692692	0.695685813	-0.12957711	-0.04459813	0.105851819	0.249847123	0.257121346	0.605178295	0.450678367	0.249847123	0.197793717	0.24654903	0.496179364	0.086214817	0.008214932	0.540745547	0.559690315	0.671758869	0.327437255	0.548036591	1															
ZmbZIP86	0.76108099	0.71133137	0.786336236	-0.09912079	-0.15733714	-0.35380334	0.542157994	0.542157994	0.042404965	0.764640582	-0.19509441	-0.11480027	-0.44499794	0.675547764	0.349031804	0.52212696	0.513529109	0.675547764	0.179918088	0.346070819	-0.11463364	0.29832697	-0.10313038	-0.00970331	0.476547654	0.926958588	0.515174568	0.71724514	0.717037596	1														
ZmbZIP120_a	0.698621033	0.567651786	0.850934667	0.262644218	0.053495881	0.193718588	0.262158925	0.262158925	0.434903086	0.77114548	-0.22654925	-0.22058235	-0.10825634	0.727815112	0.614996151	0.353543186	0.372335044	0.727815112	0.659503345	0.355295535	-0.15010125	0.112475518	-0.51050695	-0.01778334	0.66666513	0.564466378	0.823956177	0.935244706	0.513098993	0.702207862	1													
ZmbZIP120_b	0.549993986	0.652951029	0.827899879	0.249348011	0.088391784	0.242021036	0.445546506	0.445546506	0.475599044	0.81265414	-0.11797324	-0.12493789	-0.04924241	0.546477434	0.428825322	0.343488982	0.419895009	0.546477434	0.680082414	0.374691866	-0.05198722	0.204927376	-0.57146593	0.11658167	0.803206897	0.527181435	0.894497184	1	0.548036591	0.71724514	0.935244706	1												
ZmbZIP123	0.87187364	0.71317182	0.656141225	0.256925653	-0.04229316	-0.0415641	0.010327817	0.010327817	0.001341035	0.562032087	-0.2844623	-0.25654533	-0.35524026	0.689456232	0.515677958	0.510826879	0.528864207	0.689456232	0.243675676	0.219350281	-0.1122735	0.119160753	-0.09684562	0.03446382	0.334166121	0.608302746	0.542745327	0.756606079	0.53993942	0.739761853	0.843602194	0.756606079	1											
ZmbZIP6	0.073856555	-0.10890625	-0.14914966	-0.30752087	-0.12530331	-0.32986991	-0.40475545	-0.40475545	-0.05933087	-0.00857527	-0.12313598	-0.07803778	0.381112504	-0.12403546	-0.08732473	-0.05894444	-0.02221442	-0.12403546	-0.0978831	-0.59567243	0.038339245	-0.11619848	0.090675071	0.008838268	-0.25950515	-0.06367042	-0.14239778	-0.04912419	-0.07955397	-0.15444828	0.005211611	-0.04912419	0.06726702	1										
ZmbZIP19	0.666350019	0.84358876	0.203930929	-0.210391	-0.18194416	-0.3928603	0.047539449	0.047539449	-0.13490022	0.269809632	-0.14907588	-0.11338917	-0.25181626	0.247232906	0.203498895	0.681078107	0.629536313	0.247232906	-0.30075175	0.083348294	0.305247145	0.015125296	0.40121042	0.475889863	0.094962883	0.556967628	-0.04843086	0.31598775	0.69465689	0.607056397	0.355490717	0.31598775	0.68326134	0.030693954	1									
ZmbZIP20	0.634232443	0.1169733	0.751724628	0.390814523	0.019443075	-0.02916009	0.191360162	0.191360162	-0.13113426	0.52921159	-0.20512686	-0.11948114	-0.47393206	0.787796063	0.341204901	0.08877163	0.09283478	0.787796063	0.316604649	0.238794457	-0.69885475	0.312071523	-0.42947626	-0.60313813	0.288102196	0.613674682	0.560559481	0.557935293	0.021850064	0.625701781	0.598582453	0.557935293	0.505884008	-0.0962102	0.001855849	1								
ZmbZIP53	0.842349078	0.557052997	0.569232467	0.080313727	-0.14192996	-0.39552486	0.149096417	0.149096417	-0.28053266	0.474634204	-0.23706095	-0.18403667	-0.54093662	0.683972788	0.288532942	0.447092449	0.456535378	0.683972788	-0.09462178	0.080300171	-0.30479478	0.246465243	0.062209393	-0.15535462	0.17261985	0.80952852	0.228506651	0.486905245	0.434304301	0.819672852	0.522692364	0.486905245	0.710992745	-0.093446	0.643454321	0.677441252	1							
ZmbZIP91	0.616826238	0.773667121	0.289177834	-0.23007328	0.00708041	-0.35216769	0.02129993	0.02129993	0.000877051	0.39914716	-0.17489732	-0.11084168	-0.02453923	0.181524188	0.186130664	0.546207965	0.620503991	0.181524188	-0.07233822	-0.05312145	0.289474332	0.052375925	0.187256156	0.448253764	0.193340914	0.498837295	0.143015337	0.476369001	0.615246401	0.540686751	0.475878086	0.476369001	0.698246978	0.460990471	0.81787121	0.041883723	0.490026684	1						
ZmbZIP92	0.623302064	0.781516863	0.203457221	-0.30260481	-0.31155269	-0.55255603	0.154256963	0.154256963	-0.24467837	0.22777399	-0.15876771	-0.09844083	-0.39148923	0.238906484	0.092438078	0.474386571	0.759794045	0.238906484	-0.38317959	0.0857267	0.233876191	0.05789694	0.441033773	0.362082651	0.026541827	0.622470036	-0.09602289	0.247906073	0.617372698	0.652604233	0.261845205	0.247906073	0.583468346	0.000404731	0.910992503	0.038755548	0.644093941	0.743427278	1					
ZmbZIP8_a	-0.28358328	0.262566886	-0.56727892	-0.10150886	-0.14939996	-0.08887697	-0.10361727	-0.10361727	-0.2385113	-0.4585254	0.24456474	0.192677348	0.136189458	-0.67543131	-0.61478553	0.074981775	0.258594255	-0.67543131	-0.58928465	-0.15499403	0.306495842	0.076714691	0.403677009	0.523882952	-0.16816526	-0.26072622	-0.44227108	-0.29418115	-0.05305469	-0.25230852	-0.47275337	-0.29418115	-0.22617351	0.131653541	0.309256356	-0.44440309	-0.06407622	0.254719691	0.279050923	1				
ZmbZIP8_b	-0.32935053	0.11962047	-0.62642764	-0.08725409	-0.15528792	-0.04481968	-0.24635149	-0.24635149	-0.22745552	-0.5109942	0.211865577	0.15232649	0.249323131	-0.69611385	-0.62779025	-0.01101668	0.142683625	-0.69611385	-0.56786288	-0.30227491	0.286626868	-0.02504208	0.373574006	0.456169508	-0.23659155	-0.36397888	-0.49153379	-0.37036814	-0.16067185	-0.38106083	-0.5205858	-0.37036814	-0.29634319	0.230443115	0.207563838	-0.45423919	-0.11994996	0.172492473	0.151529915	0.971832899	1			
ZmbZIP64	0.464379887	0.766866771	0.55037045	0.159610908	0.057619485	0.129104967	0.422825614	0.422825614	0.344406468	0.613148766	-0.11628757	-0.13060639	-0.07834006	0.242204117	0.043827271	0.387795085	0.550728356	0.242204117	0.280334315	0.271484341	0.114415794	0.329688175	-0.2519489	0.335719806	0.724458147	0.516042764	0.641277016	0.788892838	0.641575278	0.670876816	0.652193244	0.788892838	0.645522483	-0.11793299	0.546397253	0.332708839	0.578439702	0.561186288	0.461690893	0.14948324	0.06735842	1		
ZmbZIP74	-0.03591197	0.06792792	0.599313098	0.151052661	0.323212981	0.573798321	0.348458004	0.348458004	0.584310301	0.577839401	0.192184904	0.147000081	0.408972282	0.136754391	0.145849372	-0.03479538	-0.13847993	0.136754391	0.799749783	0.295496095	0.080335901	-0.27963885	-0.61215644	-0.06168182	0.600995076	0.065054277	0.614093185	0.494589212	0.141469509	0.124813689	0.427559473	0.494589212	0.038559709	-0.14370857	-0.31693748	0.316780032	-0.11190059	-0.16556404	-0.40419972	-0.35484802	-0.32943653	0.204306472	1	
ZmbZIP88	0.04397197	-0.12788909	0.386921304	-0.25744042	-0.1812094	-0.34535091	0.489116756	0.489116756	-0.10469277	0.359904341	-0.15559811	-0.11642038	-0.16208276	0.246915425	-0.18726086	-0.12408534	-0.1222477	0.246915425	0.081085791	-0.03994874	-0.33103162	0.190238334	-0.14135071	-0.38731044	0.127142859	0.505857885	0.197931571	0.098376132	0.048878585	0.367310454	0.032537157	0.098376132	-0.10371888	-0.16153724	-0.24029209	0.526143264	0.334612198	-0.27372326	-0.07242048	-0.25626716	-0.26478629	0.079523496	0.219210428	1

Note. The PCC values 0.6 or higher are labeled pink, and the PCC value -0.6 or lower are labeled green.