

	GmHP01	GmHP02	GmHP03	GmHP04	GmHP05	GmHP06	GmHP07	GmHP08	GmHP09	GmHP10	GmPHP01	GmPHP02	GmPHP03	AHP1	AHP2	AHP3	AHP4	AHP5	AHP6	OsAHP1	OsAHP2	OsPHP1	OsPHP2	OsPHP3	
GmHP01	ID	0.628	0.679	0.668	0.354	0.429	0.416	0.537	0.544	0.418	0.418	0.4	0.737	0.528	0.54	0.352	0.525	0.425	0.438	0.423	0.433	0.42	0.452		
GmHP02	ID	0.634	0.678	0.668	0.36	0.429	0.416	0.531	0.537	0.425	0.425	0.406	0.73	0.522	0.534	0.358	0.531	0.431	0.445	0.429	0.433	0.42	0.452		
GmHP03	0.828	0.834	ID	0.673	0.666	0.363	0.384	0.371	0.509	0.509	0.415	0.415	0.389	0.683	0.474	0.5	0.326	0.515	0.427	0.432	0.423	0.403	0.391	0.435	
GmHP04	0.679	0.679	0.673	ID	0.64	0.38	0.435	0.428	0.539	0.546	0.414	0.414	0.392	0.632	0.484	0.512	0.38	0.522	0.419	0.459	0.433	0.45	0.424	0.422	
GmHP05	0.668	0.668	0.666	0.673	ID	0.387	0.43	0.423	0.526	0.532	0.414	0.414	0.392	0.625	0.49	0.506	0.377	0.515	0.412	0.446	0.437	0.45	0.444	0.428	
GmHP06	0.354	0.36	0.363	0.38	0.387	ID	0.287	0.297	0.441	0.429	0.291	0.291	0.277	0.352	0.367	0.375	0.345	0.371	0.291	0.337	0.322	0.296	0.322	0.277	
GmHP07	0.429	0.429	0.384	0.435	0.43	0.287	ID	0.372	0.372	0.379	0.379	0.346	0.346	0.35	0.4	0.403	0.393	0.608	0.388	0.318	0.378	0.373	0.625	0.539	0.562
GmHP08	0.416	0.416	0.371	0.428	0.423	0.287	0.372	ID	0.372	0.372	0.346	0.346	0.35	0.393	0.403	0.38	0.614	0.375	0.311	0.378	0.373	0.598	0.519	0.535	
GmHP09	0.537	0.531	0.509	0.538	0.526	0.41	0.379	0.372	ID	0.42	0.42	0.405	0.512	0.503	0.519	0.359	0.528	0.438	0.421	0.411	0.383	0.378	0.361		
GmHP10	0.544	0.537	0.509	0.546	0.532	0.429	0.379	0.372	0.372	ID	0.42	0.42	0.405	0.525	0.509	0.525	0.359	0.535	0.438	0.421	0.411	0.383	0.383	0.361	
GmPHP01	0.418	0.425	0.415	0.414	0.414	0.291	0.346	0.346	0.42	0.42	ID	0.346	0.346	0.397	0.411	0.369	0.397	0.326	0.373	0.794	0.346	0.331	0.378	0.352	0.352
GmPHP02	0.418	0.425	0.415	0.414	0.414	0.291	0.346	0.346	0.42	0.42	0.346	ID	0.346	0.397	0.411	0.369	0.397	0.326	0.373	0.788	0.346	0.331	0.378	0.352	0.352
GmPHP03	0.4	0.406	0.389	0.392	0.392	0.27	0.35	0.35	0.405	0.405	0.392	0.343	ID	0.392	0.343	0.392	0.331	0.367	0.726	0.331	0.329	0.363	0.343	0.337	
AHP1	0.737	0.73	0.683	0.632	0.625	0.352	0.4	0.393	0.512	0.525	0.411	0.411	0.392	ID	0.471	0.509	0.335	0.512	0.424	0.441	0.438	0.425	0.4	0.4	
AHP2	0.528	0.522	0.474	0.484	0.49	0.367	0.403	0.403	0.503	0.509	0.369	0.369	0.343	0.471	ID	0.807	0.371	0.707	0.369	0.391	0.382	0.403	0.391	0.371	
AHP3	0.54	0.534	0.5	0.512	0.506	0.375	0.393	0.38	0.519	0.525	0.397	0.397	0.382	0.509	0.807	ID	0.374	0.707	0.391	0.4	0.371	0.406	0.393	0.361	
AHP4	0.352	0.359	0.325	0.38	0.377	0.345	0.806	0.814	0.359	0.359	0.325	0.325	0.331	0.335	0.371	0.374	ID	0.374	0.356	0.299	0.351	0.326	0.486	0.467	
AHP5	0.525	0.531	0.515	0.522	0.515	0.371	0.388	0.375	0.528	0.535	0.373	0.373	0.367	0.512	0.707	0.707	0.356	ID	0.392	0.433	0.411	0.401	0.394	0.382	
AHP6	0.425	0.431	0.427	0.419	0.412	0.291	0.318	0.311	0.438	0.438	0.794	0.788	0.726	0.424	0.369	0.391	0.298	0.392	ID	0.337	0.335	0.354	0.354	0.346	
OsAHP1	0.438	0.445	0.432	0.459	0.446	0.337	0.378	0.378	0.421	0.421	0.346	0.346	0.331	0.441	0.391	0.4	0.351	0.433	0.337	ID	0.711	0.361	0.348	0.346	
OsAHP2	0.423	0.429	0.423	0.433	0.437	0.322	0.373	0.373	0.411	0.411	0.331	0.331	0.329	0.438	0.382	0.371	0.329	0.411	0.335	0.711	ID	0.366	0.339	0.344	
OsPHP1	0.433	0.433	0.403	0.45	0.45	0.296	0.625	0.598	0.383	0.383	0.378	0.378	0.363	0.425	0.403	0.406	0.496	0.401	0.354	0.361	0.366	ID	0.688	0.815	
OsPHP2	0.42	0.42	0.391	0.424	0.444	0.322	0.539	0.519	0.376	0.383	0.352	0.352	0.343	0.4	0.391	0.393	0.463	0.394	0.354	0.348	0.339	0.688	ID	0.638	
OsPHP3	0.452	0.452	0.435	0.422	0.428	0.277	0.562	0.535	0.361	0.361	0.352	0.352	0.337	0.4	0.371	0.361	0.467	0.382	0.346	0.346	0.344	0.615	0.638	ID	