Additional File 17. Calculated p-values for Fisher's exact tests for the CSEPs set data compared against data from all other sets.

The categorical data regarding the proportion of ribonucleases and hydrolases analysed using a Fisher's exact test (p<0.05). ribonucleases are significantly overrepresented in CSEPs compared with all other sets apart from Haustoria_only and Yeast_random where there is no measurable difference with this data. Hydrolases are significantly over represented in CSEPs compared with Hyphae_only_random, Hyphae_only_length_dist and Yeast_random, but there is no measurable difference between CSEPs and Haustoria_only, Known_Fungal_Effectors, Hyphae_plus_Haustoria and Yeast_length.

Key words	Comparison set						
	Known_Fungal _Effectors	Haustoria_only	Hyphae_plus _Haustoria	Hyphae_only _random	Hyphae_only _length_dist	Yeast_random	Yeast_length
Ribonucleases	**0.0253**	0.6949	**3.24E-05**	**0.0215**	**0.0053**	0.2143	**0.0215**
Hydrolases	0.8495	0.2484	0.0578	**0.0070**	**0.0375**	**0.0375**	0.6622

Statistically significant p-values (<0.05) are shown in bold