**Table 2**

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| **Metabolite-detoxifying enzyme** | **Fungal species** | **References** |
| Oxidoreductases, including laccase and manganese peroxidase | *S. commune, P. coccineus, F. verticillioides, Stereum hirsutum, Coprinus micaceus, Hypholoma fasciculare, Phlebia radiata, P. rufa, Coriolus versicolor, Phanerochaete velutina,* | Rayner *et al*., 1994; Griffith *et al*., 1994 a&b; Peiris *et al*., 2008; Ujor *et al*., 2012a; Hiscox *et al*., 2010; Eyre *et al*., 2010; Arfi *et al*., 2013; Jonkers *et al*., 2012 |
| Aldo/keto reductases | *P. coccineus* | Arfi *et al*., 2013 |
| Flavonol/cinnamoyl-CoA reductase | *P. coccineus* | Arfi *et al*., 2013 |
| Glutathione S-transferase | *P. coccineus* | Arfi *et al*., 2013 |
| Aldehyde dehydrogenase/reductase | *T. versicolor, P. coccineus* | Eyre *et al*., 2010; Arfi *et al*., 2013 |
| Cytochrome monooxygenase; phenol-2-monoxygenase; dioxygenase | *P. gigantea, F. verticillioides, U. maydis, T. versicolor* | Adomas *et al*., 2006; Jonkers *et al*., 2012; Eyre *et al*., 2010 |
| Short chain dehydrogenase/reductase (SDR) | *S. commune, P. coccineus* | Ujor *et al*., 2012b; Arfi *et al.*, 2013 |