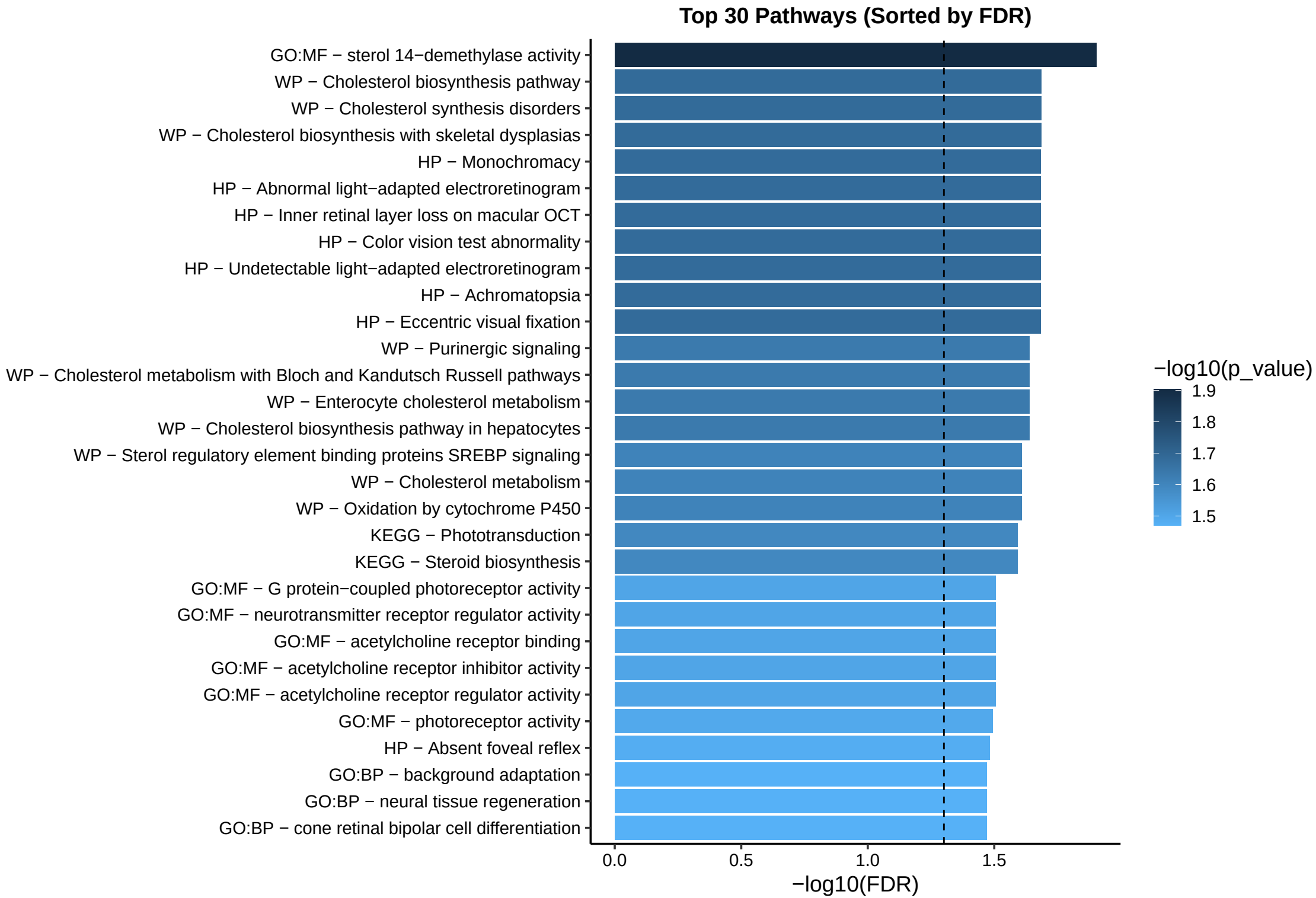
Top 30 Pathways (Sorted by FDR)
GO:MF − sterol 14−demethylase activity
WP − Cholesterol biosynthesis pathway
WP − Cholesterol synthesis disorders
WP − Cholesterol biosynthesis with skeletal dysplasias
HP − Monochromacy
HP − Abnormal light−adapted electroretinogram
HP − Inner retinal layer loss on macular OCT
HP − Color vision test abnormality
HP − Undetectable light−adapted electroretinogram
HP − Achromatopsia
HP − Eccentric visual fixation
WP − Purinergic signaling
WP − Cholesterol metabolism with Bloch and Kandutsch Russell pathways
WP − Enterocyte cholesterol metabolism
WP − Cholesterol biosynthesis pathway in hepatocytes
WP − Sterol regulatory element binding proteins SREBP signaling
WP − Cholesterol metabolism
WP − Oxidation by cytochrome P450
KEGG − Phototransduction
KEGG − Steroid biosynthesis
GO:MF − G protein−coupled photoreceptor activity
GO:MF − neurotransmitter receptor regulator activity
GO:MF − acetylcholine receptor binding
GO:MF − acetylcholine receptor inhibitor activity
GO:MF − acetylcholine receptor regulator activity
GO:MF − photoreceptor activity
HP − Absent foveal reflex
GO:BP − background adaptation
GO:BP − neural tissue regeneration
GO:BP − cone retinal bipolar cell differentiation
0.0
0.5
1.0
1.5
−log10(FDR)
−log10(p_value)
1.9
1.8
1.7
1.6
1.5