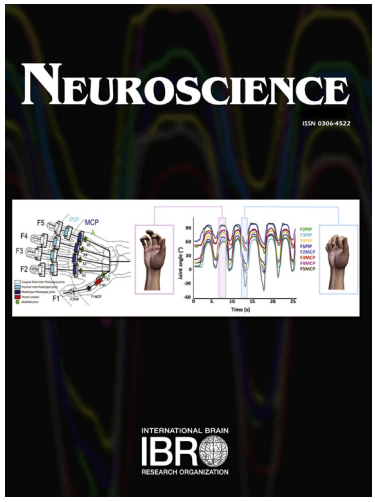

Research Article

Phase-specific surround suppression in mouse primary visual cortex correlates with figure detection behavior based on phase discontinuity

Fengling Li, Weiqian Jiang, Tian-Yi Wang, Taorong Xie, Haishan Yao

PII: S0306-4522(18)30230-6
DOI: https://doi.org/10.1016/j.neuroscience.2018.03.039
Reference: NSC 18377

To appear in: *Neuroscience*

Received Date: 3 February 2018
Accepted Date: 21 March 2018

Please cite this article as: F. Li, W. Jiang, T-Y. Wang, T. Xie, H. Yao, Phase-specific surround suppression in mouse primary visual cortex correlates with figure detection behavior based on phase discontinuity, *Neuroscience* (2018), doi: https://doi.org/10.1016/j.neuroscience.2018.03.039

PHASE-SPECIFIC SURROUND SUPPRESSION IN MOUSE PRIMARY VISUAL CORTEX CORRELATES WITH FIGURE DETECTION BEHAVIOR BASED ON PHASE DISCONTINUITY

FENGLING LI,[a,b] WEIQIAN JIANG,[a,b] TIAN-YI WANG,[a,b] TAORONG XIE[a] AND HAISHAN YAO[a*]

[a]Institute of Neuroscience, State Key Laboratory of Neuroscience, CAS Center for Excellence in Brain Science and Intelligence Technology, Chinese Academy of Sciences, Shanghai 200031, China

[b]University of Chinese Academy of Sciences, Beijing 100049, China

[*]**Corresponding Author:**

Haishan Yao

E-mail: haishanyao@ion.ac.cn

Tel: 86-21-54921801

Fax: 86-21-54921735