*REWARD*

**CLUSTER TABLE**

#Voxels CM x CM y CM z Peak x Peak y Peak z

#------ ------ ------ ------ ------ ------ ------

1351 -1.9 +79.9 +5.3 -11.0 +87.0 -17.0

628 -6.3 +59.7 +48.7 -15.0 +77.0 +31.0

578 -3.2 -16.6 +41.1 +1.0 -21.0 +27.0

413 +34.7 +73.6 -19.8 +21.0 +89.0 -27.0

199 -1.3 +34.8 +4.8 +1.0 +47.0 -1.0

180 -40.3 +68.2 -18.1 -43.0 +71.0 -23.0

139 -57.6 +43.9 +26.9 -57.0 +45.0 +17.0

84 -47.4 -15.8 +24.9 -45.0 -13.0 +21.0

77 +41.5 -4.6 +30.4 +43.0 -7.0 +25.0

64 -43.9 -5.4 +42.7 -43.0 -7.0 +35.0

**ROIS**

++ ========================================================================

++ Processing unique value of 1

33.3 % overlap with Left Calcarine Gyrus, code 43

19.5 % overlap with Right Lingual Gyrus, code 48

19.2 % overlap with Right Calcarine Gyrus, code 44

10.1 % overlap with Left Cuneus, code 45

++ ========================================================================

++ Processing unique value of 2

26.0 % overlap with Right Precuneus, code 68

22.9 % overlap with Left Precuneus, code 67

18.6 % overlap with Right Middle Cingulate Cortex, code 34

15.7 % overlap with Right Cuneus, code 46

7.3 % overlap with Right Superior Occipital Gyrus, code 50

++ ========================================================================

++ Processing unique value of 3

33.5 % overlap with Right Middle Cingulate Cortex, code 34

21.2 % overlap with Right SMA, code 20

17.8 % overlap with Left Middle Cingulate Cortex, code 33

10.8 % overlap with Left SMA, code 19

++ ========================================================================

++ Processing unique value of 4

43.0 % overlap with Left Cerebellum (Crus 1), code 91

30.7 % overlap with Left Fusiform Gyrus, code 55

16.3 % overlap with Left Cerebellum (VI), code 99

++ ========================================================================

++ Processing unique value of 5

10.1 % overlap with Cerebellar Vermis (4/5), code 111

3.1 % overlap with Right Lingual Gyrus, code 48

2.9 % overlap with Right Thalamus, code 78

1.6 % overlap with Left Cerebellum (IV-V), code 97

++ ========================================================================

++ Processing unique value of 6

42.4 % overlap with Right Fusiform Gyrus, code 56

19.0 % overlap with Right Cerebellum (VI), code 100

16.2 % overlap with Right Inferior Temporal Gyrus, code 90

14.0 % overlap with Right Cerebellum (Crus 1), code 92

++ ========================================================================

++ Processing unique value of 7

62.0 % overlap with Right SupraMarginal Gyrus, code 64

29.1 % overlap with Right Superior Temporal Gyrus, code 82

7.9 % overlap with Right Angular Gyrus, code 66

++ ========================================================================

++ Processing unique value of 8

55.2 % overlap with Right Inferior Frontal Gyrus (p. Triangularis), code 14

42.4 % overlap with Right Inferior Frontal Gyrus (p. Opercularis), code 12

++ ========================================================================

++ Processing unique value of 9

60.2 % overlap with Left Precentral Gyrus, code 1

36.7 % overlap with Left Inferior Frontal Gyrus (p. Opercularis), code 11

2.5 % overlap with Left Inferior Frontal Gyrus (p. Triangularis), code 13

++ ========================================================================

++ Processing unique value of 10

74.7 % overlap with Right Precentral Gyrus, code 2

25.3 % overlap with Right Middle Frontal Gyrus, code 8

*SEQUENCE*

**CLUSTER TABLE**

#Voxels CM x CM y CM z Peak x Peak y Peak z

#------ ------ ------ ------ ------ ------ ------

1778 -6.0 +77.9 +12.0 -3.0 +77.0 -19.0

1773 +1.3 +15.0 +46.7 -3.0 -21.0 +23.0

597 +39.1 +72.5 -17.9 +45.0 +63.0 -31.0

447 -2.3 +34.1 +3.1 -11.0 +31.0 -9.0

319 +6.2 +7.2 +13.6 -7.0 -3.0 +3.0

254 -58.1 +42.0 +25.2 -59.0 +43.0 +15.0

228 -40.9 -19.9 -2.4 -43.0 -13.0 -11.0

217 -35.5 +74.2 -17.8 -39.0 +85.0 -23.0

203 -47.8 +60.6 -19.5 -47.0 +65.0 -31.0

184 -51.3 +27.9 -10.4 -53.0 +23.0 -23.0

**ROIS**

++ ========================================================================

++ Processing unique value of 1

++ 1778 voxels in ROI

18.3 % overlap with Right Calcarine Gyrus, code 44

16.7 % overlap with Left Calcarine Gyrus, code 43

16.1 % overlap with Right Lingual Gyrus, code 48

++ ========================================================================

++ Processing unique value of 2

26.7 % overlap with Right Middle Cingulate Cortex, code 34

16.8 % overlap with Left Middle Cingulate Cortex, code 33

12.8 % overlap with Left Precuneus, code 67

++ ========================================================================

++ Processing unique value of 3

28.2 % overlap with Left Fusiform Gyrus, code 55

23.0 % overlap with Left Cerebellum (Crus 1), code 91

14.2 % overlap with Left Inferior Occipital Gyrus, code 53

++ ========================================================================

++ Processing unique value of 4

10.0 % overlap with Right Lingual Gyrus, code 48

8.5 % overlap with Cerebellar Vermis (4/5), code 111

5.6 % overlap with Right Thalamus, code 78

++ ========================================================================

++ Processing unique value of 5

15.2 % overlap with Left Thalamus, code 77

13.8 % overlap with Left Caudate Nucleus, code 71

++ ========================================================================

++ Processing unique value of 6

51.1 % overlap with Right SupraMarginal Gyrus, code 64

39.2 % overlap with Right Superior Temporal Gyrus, code 82

5.9 % overlap with Right Angular Gyrus, code 66

++ ========================================================================

++ Processing unique value of 7

57.1 % overlap with Right Insula Lobe, code 30

14.3 % overlap with Right Inferior Frontal Gyrus (p. Opercularis), code 12

9.1 % overlap with Right Inferior Frontal Gyrus (p. Orbitalis), code 16

++ ========================================================================

++ Processing unique value of 8

40.4 % overlap with Right Fusiform Gyrus, code 56

21.0 % overlap with Right Cerebellum (VI), code 100

10.2 % overlap with Right Cerebellum (Crus 1), code 92

++ ========================================================================

++ Processing unique value of 9

46.3 % overlap with Right Inferior Temporal Gyrus, code 90

24.8 % overlap with Right Fusiform Gyrus, code 56

15.6 % overlap with Right Cerebellum (Crus 1), code 92

++ ========================================================================

++ Processing unique value of 10

48.4 % overlap with Right Middle Temporal Gyrus, code 86

9.9 % overlap with Right Inferior Temporal Gyrus, code 90

*ACCURACY*

**CLUST TABLE**

#Voxels CM x CM y CM z Peak x Peak y Peak z

#------ ------ ------ ------ ------ ------ ------

481 -4.1 +79.2 +4.7 -27.0 +73.0 -21.0

152 -15.6 +74.1 +43.5 -11.0 +79.0 +25.0

147 -2.2 +32.5 +4.4 -9.0 +35.0 -7.0

107 +0.9 -8.2 +42.4 +1.0 -19.0 +31.0

101 -4.1 +32.5 +48.6 -5.0 +37.0 +41.0

58 -47.6 -16.4 +22.9 -51.0 -13.0 +15.0

53 +11.0 +52.6 +58.7 +7.0 +47.0 +51.0

43 +36.2 +64.2 -18.1 +49.0 +61.0 -27.0

40 -5.4 -23.9 +29.2 -7.0 -21.0 +25.0

37 -42.1 +62.2 -19.4 -51.0 +59.0 -23.0

**ROIS**

++ ========================================================================

++ Processing unique value of 1

25.9 % overlap with Right Lingual Gyrus, code 48

23.6 % overlap with Left Calcarine Gyrus, code 43

20.9 % overlap with Right Calcarine Gyrus, code 44

++ ========================================================================

++ Processing unique value of 2

30.9 % overlap with Right Cuneus, code 46

26.9 % overlap with Right Precuneus, code 68

25.2 % overlap with Right Superior Occipital Gyrus, code 50

++ ========================================================================

++ Processing unique value of 3

++ 147 voxels in ROI

++ 1414 voxels in atlas-resampled mask

Intersection of ROI (valued 3) with atlas CA\_ML\_18\_MNI (sb0):

9.5 % overlap with Cerebellar Vermis (4/5), code 111

6.9 % overlap with Right Lingual Gyrus, code 48

4.0 % overlap with Right Posterior Cingulate Cortex, code 36

++ ========================================================================

++ Processing unique value of 4

50.6 % overlap with Left Middle Cingulate Cortex, code 33

15.8 % overlap with Left SMA, code 19

15.3 % overlap with Right Middle Cingulate Cortex, code 34

++ ========================================================================

++ Processing unique value of 5

48.2 % overlap with Right Middle Cingulate Cortex, code 34

18.0 % overlap with Left Middle Cingulate Cortex, code 33

14.4 % overlap with Right Precuneus, code 68

++ ========================================================================

++ Processing unique value of 6

55.6 % overlap with Right Inferior Frontal Gyrus (p. Triangularis), code 14

32.8 % overlap with Right Inferior Frontal Gyrus (p. Opercularis), code 12

++ ========================================================================

++ Processing unique value of 7

83.7 % overlap with Left Precuneus, code 67

9.5 % overlap with Left Superior Parietal Lobule, code 59

1.6 % overlap with Left Middle Cingulate Cortex, code 33

++ ========================================================================

++ Processing unique value of 8

57.5 % overlap with Left Fusiform Gyrus, code 55

30.6 % overlap with Left Cerebellum (VI), code 99

11.6 % overlap with Left Cerebellum (Crus 1), code 91

++ ========================================================================

++ Processing unique value of 9

51.4 % overlap with Right Anterior Cingulate Cortex, code 32

37.8 % overlap with Right Middle Cingulate Cortex, code 34

8.1 % overlap with Left Anterior Cingulate Cortex, code 31

++ ========================================================================

++ Processing unique value of 10

58.4 % overlap with Right Fusiform Gyrus, code 56

30.2 % overlap with Right Inferior Temporal Gyrus, code 90

11.4 % overlap with Right Cerebellum (VI), code 100

*OVERLAP*

**Clusters**

#Voxels CM x CM y CM z Peak x Peak y Peak z

#------ ------ ------ ------ ------ ------ ------

157 -4.6 +77.1 +2.8 -15.0 +77.0 -11.0

53 -4.5 +30.9 +1.0 -7.0 +33.0 -5.0

45 -18.6 +73.8 +43.3 -23.0 +73.0 +35.0

30 -2.8 +35.7 +48.3 +5.0 +35.0 +43.0

24 -4.2 -11.7 +43.5 +1.0 -15.0 +39.0

18 -5.2 -24.0 +29.7 -3.0 -19.0 +27.0

15 +4.1 +42.6 +1.4 +3.0 +43.0 -3.0

15 -44.7 -5.4 +40.6 -45.0 -7.0 +37.0

14 -10.9 +89.9 +9.0 -15.0 +89.0 +3.0

12 +35.3 +63.7 -20.5 +33.0 +63.0 -23.0

**ROIS**

++ Processing unique value of 1

40.2 % overlap with Right Lingual Gyrus, code 48

19.0 % overlap with Left Calcarine Gyrus, code 43

16.9 % overlap with Right Calcarine Gyrus, code 44

14.2 % overlap with Left Lingual Gyrus, code 47

++ ========================================================================

++ Processing unique value of 2

10.5 % overlap with Right Lingual Gyrus, code 48

6.1 % overlap with Right Thalamus, code 78

++ ========================================================================

++ Processing unique value of 3

29.8 % overlap with Right Precuneus, code 68

28.3 % overlap with Right Superior Occipital Gyrus, code 50

24.5 % overlap with Right Cuneus, code 46

17.4 % overlap with Right Superior Parietal Lobule, code 60

++ ========================================================================

++ Processing unique value of 4

38.5 % overlap with Left Middle Cingulate Cortex, code 33

37.8 % overlap with Right Middle Cingulate Cortex, code 34

19.4 % overlap with Right Precuneus, code 68

++ ========================================================================

++ Processing unique value of 5

39.1 % overlap with Right Middle Cingulate Cortex, code 34

27.9 % overlap with Left Middle Cingulate Cortex, code 33

16.7 % overlap with Left SMA, code 19

14.4 % overlap with Right SMA, code 20

++ ========================================================================

++ Processing unique value of 6

50.0 % overlap with Right Anterior Cingulate Cortex, code 32

37.8 % overlap with Right Middle Cingulate Cortex, code 34

++ ========================================================================

++ Processing unique value of 7

29.1 % overlap with Cerebellar Vermis (4/5), code 111

19.7 % overlap with Left Cerebellum (IV-V), code 97

11.0 % overlap with Left Lingual Gyrus, code 47

++ ========================================================================

++ Processing unique value of 8

80.6 % overlap with Right Precentral Gyrus, code 2

18.6 % overlap with Right Middle Frontal Gyrus, code 8

++ ========================================================================

++ Processing unique value of 9

Intersection of ROI (valued 9) with atlas CA\_ML\_18\_MNI (sb0):

91.3 % overlap with Right Calcarine Gyrus, code 44

8.7 % overlap with Right Cuneus, code 46

++ ========================================================================

++ Processing unique value of 10

64.0 % overlap with Left Cerebellum (VI), code 99

26.0 % overlap with Left Fusiform Gyrus, code 55

10.0 % overlap with Left Cerebellum (Crus 1), code 91