

Table e-2: ALE Results. Functional homology scores in bold are significant after multiple comparison correction at FDR q = .05.

*also significant at FDR = .001.

Location	BA	Extent (mm ³)	X	Y	Z	ALE Value (x10 ⁻³)	Corresponding Control Peak	Distance to Corresponding Control Peak (mm)	Functional Homology Z-Score	Experiments Reporting Activity
Controls										
Left										
Frontal										
IFG- POrb	47	648	-46	24	-4	16.47*				1a,1b,1c,4,8a,10b,12c
IFG- PTr	45	2032	-56	22	14	15.76*				1a,5,6b,8a,11,12a
IFG- PTr	45		-44	24	20	13.11*				1b,1c,8a,10a,11
IFG- POp	44		-50	14	14	14.82*				1a,1b,5,11,12a,12b
IFG- POp	44		-44	14	24	9.83				1a,1b,4,10a
WM/Insula		848	-30	18	0	16.48*				1b,2a,9,10a,12a
Precentral G	6	640	-52	-2	48	11.69				1a,1b,6a,11
Precentral G	6		-48	2	40	11.25				1a,1b,9,11
Temporal										
MTG	22	792	-58	-40	2	14.34*				2a,4,5,11
Mid										
SMA	32	1368	6	20	48	16.04*				1b,3b,4,8a,10b
SMA	6		-2	14	54	11.41				1a,1b,1c,8a,11
Right										
Internal Capsule		256	22	-10	10	12.1				2a,6a,8a
Middle Occ G	18	152	26	-94	6	11.68				2a,3b,9
All Aphasic Patients										
Left										
Frontal										
IFG- POrb	47	128	-44	30	-22	13.13*	(-46,24,-4)	19.1	1.59	1a,1b,1c,2a,5
IFG- POrb	47	248	-54	28	-8	11.98*	(-46,24,-4)	9.8	2.73	1a,1b,1c,2a,4,5,8a
IFG- PTr	45	160	-60	24	10	9.27	(-56,22,14)	6.0	2.88	1a,1b,1c,5,8a,8b,11,12a
IFG- POp	44	176	-48	12	14	9.14	(-50,14,14)	2.8	2.43	1a,1b,5,8a,8b,11
Insula		928	-42	16	4	12.12*	(-46,24,-4) ; (-30,18,0)	12.0 ; 12.8	2.34 ; -0.71	1a,1b,1c,6a,8a,8b,10b,11,12b
MFG	46	416	-32	46	24	11.21*	(-44,24,20)	25.4	0.19	1a,6a,7,8b,11
Temporal										
MTG	21	520	-56	-44	0	11.73*	(-58,-40,2)	4.9	3.47	4,5,11
MTG	22	248	-66	-38	2	8.69	(-58,-40,2)	8.2	2.35	2a,7,11
Mid										
SMA	6	520	-4	2	60	10.88*	(-2,14,54)	13.6	1.15	1a,1b,6a,10a,10b
Right										
Frontal										
IFG- POrb	47	256	44	30	-8	10.02*	(-46,24,-4)	7.5	1.83	1a,1b,1c,3a,8a,8b,12b
IFG- PTr	45	904	54	24	18	11.11*	(-56,22,14)	4.9	0.30	1a,1b,1c,3a,4,8b,11
IFG- Ventral POp	45	816	52	20	2	12.36*	(-46,24,-4) ; (-50,14,14)	9.4 ; 13.6	0.70 ; 2.73	1a,1b,1c,2a,6a,8b,11,12a,12b
IFG- Dorsal POp	44	312	44	10	30	10.71*	(-44,14,24)	7.2	1.83	1a,3b,8b,10a
Insula		232	42	12	4	9.85	(-50,14,14) ; (-30,18,0)	13.0 ; 14.0	1.84 ; 1.15	1a,1b,8b,10a,12b
Precentral G	4	400	60	-6	44	13.35*	(-52,-2,48)	9.8	2.35	1a,3b,6a
Postcentral G	4	304	48	-6	34	11.25*	(-48,2,40)	10.0	2.35	1a,6a,9
Temporal										
MTG	22	488	64	-36	2	10.04*	(-58,-40,2)	7.2	0.88	2a,2b,7,8a,11,12a,12b
IF+ Patients										
Left										
Frontal										
Insula		256	-40	18	4	8.53*	(-46,24,-4) ; (-30,18,0)	11.7 ; 10.8	2.72 ; 0.12	1a,1b,1c,6a,10b
Mid										
SMA	6	816	-4	2	60	10.87*	(-2,14,54)	13.6	0.62	1a,1b,6a,10a,10b
Right										
Frontal										
IFG- POrb	47	160	44	30	-8	8.92*	(-46,24,-4)	7.5	2.40	1a,1b,1c,3a,8a,8b
IFG- PTr	45	208	54	24	18	8.49*	(-56,22,14)	4.9	0.12	1a,1b,1c,3a,11
IFG- Dorsal POp	44	392	44	10	30	10.47*	(-44,14,24)	7.2	2.10	1a,3b,10a
Precentral G	4	512	60	-6	44	13.35*	(-52,-2,48)	9.8	0.95	1a,3b,6a
Postcentral G	4	512	48	-6	34	11.25*	(-48,2,40)	10.0	1.78	1a,6a,9
IF- Patients										
Left										
Frontal										
IFG- POrb	47	152	-52	28	-8	8.46*	(-46,24,-4)	8.2	1.63	4,5,8a
IFG- PTr	45	152	-60	24	12	7.93	(-56,22,14)	4.9	1.90	5,8a,8b,11
IFG- PTr	45	160	-48	26	18	8.19*	(-44,24,20)	4.9	1.73	4,8a,8b,11
IFG- POp	44	264	-48	12	14	8.41*	(-50,14,14)	2.8	0.73	5,8a,8b,11
Temporal										
MTG	21	632	-56	-44	0	11.33*	(-58,-40,2)	4.9	2.97	4,5,11
Right										
Frontal										
IFG- Anterior PTr	45	144	52	30	20	7.98*	(-44,24,20)	10.0	0.78	4,8b,11
Temporal										
MTG	22	648	64	-36	2	9.2*	(-58,-40,2)	7.2	-0.06	7,11,12a,12b