L1 (dataset 1)		L1 (dataset 2)			L1 (dataset 3)			L1 (dataset 4)			L2 (dataset 5)			L3 (dataset 6)			Adult (dataset 7)			Adult (dataset 8)				
AFDR ASKR AVDL AVL DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08	ASJL AVAR AVDR BDUR DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR08 FLPR	ASKL AVBL AVHL DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR07 RID	AFDL ASIR AVDR DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 SIADL	AFDR AVBR AVL DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 RID SIADR	ASIL AVDL DL01 DL04 DL07 DR05 DR05 DR08 VL03 VL06 VR01 VR04 VR07 RIPL SIAVL	AVDL DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 SIADR SIBDL SIBVR	AVDR DL03 DL06 DR01 DR04 DR07 VL02 VL08 VR03 VR06 RID SIAVL SIBDR	DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 SIADL SIAVR	AVBL DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 RIPL RMER SIAVL	AVDL DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 RIPR SIADL SIAVR	AVDR DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 RID RMEL SIADR	DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 RIPL SIADR SIBDL SIBVR	DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR05 VR08 RIPR SIAVL SIBDR	DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 RID SIADL SIAVR SIBVL	AVL DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 RID SIADL SIAVR SIBVL	DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 RIPL SIADR	DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 RIPR SIAVL SIBDR	DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 RIPR SIAVL SIBDR	DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 SIADL SIAVR SIBVL	DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 RIPL SIADR SIBDL SIBVR	DL01 DL04 DL07 DR02 DR05 DR08 VL03 VL06 VR01 VR04 VR07 SIADR SIBDL SIBVR	DL02 DL05 DL08 DR03 DR06 VL01 VL04 VL07 VR02 VR05 VR08 SIAVL SIBDR	DL03 DL06 DR01 DR04 DR07 VL02 VL05 VL08 VR03 VR06 SIADL SIAVR SIBVL	Motor output
RIPL SIADR SIBDL SIBVR	RIPR SIAVL SIBDR ADAL	SIADL SIAVR SIBVL ADAR	SIAVR SIBVL ADAR	SIBDL SIBVR	SIBDR	ADAL AIAR AIYL	ADAR AIBL AIYR	AIAL AIBR AIZL	AIBL AVAR	AIBR AVBR	AVAL AVEL	AIBL AVAL AVBR	AIBR AVAR AVEL	AIZR AVBL AVER	AVAL AVBR AVEL	AVAR AVDL AVER	AVBL AVDR	AVAL AVBR AVEL	AVAR AVDL AVER	AVBL AVDR	AVAL AVBR AVEL RIPL	AVAR AVDL AVER RIPR	AVBL AVDR RID	Body movement
ADFL AIBL AIYR ASER AVBR AWCL BAGR OLLL RIBL	AIAL AIBR AIZL AUAR AVEL AWCR CEPVL RIAL RIBR	AIAR AIYL AIZR AVAL AVER BAGL IL1R RIAR RICL	AIBR AVAL AVEL RIAR RICL RIMR RMDDR RMDVL RMEL	AIZL AVAR AVER RIBL RICR RIPR RMDL RMDVR RMER	AIZR AVBL RIAL RIBR RIML RMDDL RMDR RMED RMEV	AIZR AVAR AVEL AWCL CEPDL OLLR RIBL RICR RIML	ASER AVBL AVER BAGL IL1L RIAL RIBR RIGR RIMR	AVAL AVBR AVJR BAGR OLLL RIAR RICL RIH RIPL	AVER RIAL RIBR RIMR RMDDR RMDVL SMDDL SMDVR	CEPVL RIAR RICR RIS RMDL RMDVR SMDDR	OLLL RIBL RIML RMDDL RMDR SAADL SMDVL	RIAL RIBR RMDDL RMDR RMER SAAVR SMDDL SMDVR	RIAR RIML RMDDR RMDVL RMEV SMBVL SMDDR	RIBL RIMR RMDL RMDVR SAADL SMBVR SMDVL	IL1R RMDDL RMDR RMED RMEV SMDVL	RIAL RMDDR RMDVL RMEL SMDDL SMDVR	RIAR RMDL RMDVR RMER SMDDR	RIAL RMDDR RMDVL RMEL SMBVL SMDDR	RMDVR RMER SMBVR	RMEV SMDDL	IL1R RIVL RMDDR RMDVL RMEL SMBDL SMBVR SMDVL	RIAL RIVR RMDL RMDVR RMER SMBDR SMDDL SMDVR	RIAR RMDDL RMDR RMED RMEV SMBVL SMDDR	Head movement
RIBL RICR RIMR RMDL RMDVR RMER SMDDVR URAVL URBR URYDL URYDL URYVR ADEL AIML AINR ALMR	RIBR RIH RMDDL RMDR RMED RMEV SMDDR URADL URAVR URXL URYDR ADER ADLR AIMR ALA ASEL	RICL RIML RMDDR RMDDVL RMEL SAADR SMDVL URADR URADR URADR URADR URYVL ADFR AFDL AINL ALMIL ASGL	RMEL SAAVL SMBDR SMDDL SMDVR ADAL ADFL ALML ALML ASHL ASHL ASJR AUAL AVHR AVAL	ADEL ADFR AIAR AINL AIYR ALMR ASGL ASHR ASKL AUAL AVKR	SMBDL SMBVR	RIML RIPR RMDDR RMDDVL RMEL SAADR SMBVR SMDVL ADEL ADFR AFDL AIMR ALA ASEL ASHL ASHL ASKL	RIS	RIPL RMDDL RMDR RMED RMED SMBVL SMDDR ADFL ADLR AIML AIML AIMR ASGR ASIL ASJR	ADAL ADER AVJL AVKR BDUR CEPVR IL1DL IL1R IL2DL IL2R OLLR OLOVL PVCR RICL RIH RMED RMGR	ADAR ALML AVJR AVI CEPDL FLPL IL1DR IL1VL IL2VL OLQDL OLQVR RIFL RIVL RMEV SAADR	ADEL ALMR AVKL BDUL CEPDR FLPR IL1L IL1VR OLQDR PVCL PVR RIFR RIVR RMGE	ADAL ADER AUAR AVL CEPDL CEPVR FLPL IL1DR IL2DR IL2VL OLLR OLQVL PVPL RICL RIGR RIS	ADAR AINL AVKL BAGL CEPDR DVA FLPR IL1L IL2VR IL2VR OLQDU OLOVR PVR RICR RIH RIVL	ADEL AUAL AVKR BAGR CEPVL DVC IL1DL IL1R OLLUR OLLU PVT RIGL RIK RIVR	CEPVR IL1L IL2DL IL2R OLLIL OLQDR PVR RIH RMGL SMBDR URADL URAVR URYDL URYVR ADAL ADER	LEPDR IL1DL IL1VL IL2DR IL2VL OLLR OLQVL RICL RIVL SMBVL URADR URBL URYDR	IL1DR IL1VR IL2L IL2VR OLQDL OLQVR RICR RIVR SMBDL SMBVR URAVL URBR	IL1R IL2L IL2VR OLQDL OLQVR RIVR SAADL SAAVR URADL URAVR URAVL ADER AIBR AUAL AVKR	ILIDR ILIDR ILIDR ILIDR ILIDR ILIDR OLLI OLODR PVR RMGL SAADR SMBDL URADR URYDL URYVR ADAR ADFL AIZL AUAL BAGL	ILTL ILZDR ILZVL OLLR OLQVL RIVL RMGR SAAVL SMBDR URAVL URYDR ADEL AIBL AIZR AVKL BAGR	ADEL AVKR CEPDR IL1DL IL1UL IL2DR IL2VL OLLR OLQVL PVT RIH RMGR SAAVL URADR URBL URYDL URYDL	ADER AVL CEPVL IL1DR IL1VR OLQDL OLQVR RICL RIS SAADL SAAVR URAVL URBY URYDR	AVKL CEPDL CEPVR IL11 IL2DL IL2R OLLL OLQDR PVR RICR RMGL SAADR URADL URAVR URXY	Labial sensory containing
ASGR ASIL AUAL AVJR AWAL AWBR CEPDR DVC IL1DR IL1VR IL2L	ASHL ASIR AVHR AVKL AWAR BDUL CEPVR FLPL IL1L IL2DL IL2DL IL2R	ASHR ASJR AVJL AVKR AWBL CEPDL DVA IL1DL IL1VL IL2DR IL2VL	AWAR AWCL BAGR CEPDL CEPVR FLPL IL1DR IL1VL IL2DR IL2VL OLLR	AWBL AWCR BDUL CEPDR DVA FLPR IL1L IL1VR IL2L IL2VR OLQDL	AWBR BAGL BDUR CEPVL DVC IL1DL IL1R IL2DL IL2R OLLL OLQDR	AUAR AVJL AVL AWBL BDUL CEPVL DVC IL1DL IL1VL IL2DR IL2VL	AVHL AVKL AWAL AWBR BDUR CEPVR FLPL IL1DR IL1VR IL2L IL2VR	AVHR AVKR AWAR AWCR CEPDR DVA FLPR IL1R IL2DL IL2R OLQDL	SAAVR SMBVL URADR URBL URYDR ADFL ADLR AIAL AIMR AIYL	SMBDL SMBVR URAVL URBR URYVL ADFR AFDL AIAR AINL AIYR	SMBDR URADL URAVR URYDL URYVR ADLL AFDR AIML AINR AIZL	RMED RMGR SMBDL URADR URBL URXR URYVL ADFL ADLR AIAL	RMEL SAADR SMBDR URAVL URBR URYDL URYVR ADFR AFDL AIAR	RMGL SAAVL URADL URAVR URXL URYDR ADLL AFDR AIML	AIBL AIZR ASHR AVHR AVKL BAGR DVC PVCL PVT RIGL RIMR	AIBR ALMR AUAL AVJL AVKR BDUR FLPL PVCR RIBL RIGR RIR	AIZL ASHL AUAR AVJR BAGL DVA FLPR PVPL RIBR RIML RIS	CEPDL CEPVR PVT RICL RIGR RIMR URBL URXR	CEPDR DVA RIBL RICR RIH RIR URBR	CEPVL DVC RIBR RIGL RIML RIS URXL	ADAL AIBL AIZR AVJR DVA FLPR RIBL RIGR RIR	ADAR AIBR AUAL BAGL DVC PVCL RIBR RIML URXL	ADFR AIZL AUAR BAGR FLPL PVCR RIGL RIMR	Interneuron containing
IL2VR OLQDR PVCL PVPR PVR RIFR RIN RIVR SAADL SMBDL SMBVR	OLLR OLQVL PVCR PVQL PVT RIGL RIS RMGL SAAVL SMBDR	OLQDL OLQVR PVPL PVQR RIFL RIGR RIVL RMGR SAAVR SMBVL	OLQVL PVCR PVQL PVT RIGL RIR RIVR SAADL URADR URBL URXR URYVL	OLOVR PVPL PVQR RIFL RIGR RIS RMGL SAADR URAVL URBR URYDL URYVR	PVCL PVPR PVR RIFR RIH RIVL RMGR URADL URAVR URXL URYDR	OLQDR PVCL PVPR RIFR RIVL RMGR SAAVR URADR URADR URXR URXR URYVL	OLOVL PVCR PVQL PVT RIGL RIVR SAADL SMBDR URAVL URBR URYDL URYVR	OLOVR PVPL PVQR RIFL RIR RMGL SAAVL URADL URAVR URXL URYDR	AIZR ASER ASHL ASIR ASKL AUAR AWAL AWBR BAGL DVC PVQR RIGR URXR	ALA ASGL ASHR ASJL ASKR AVHL AWAR AWCL BAGR PVPL PVT RIR	ASEL ASGR ASIR AUAL AVHR AWBL AWCR DVA PVQL RIGL URXL	AIMR AIYR ALML ASER ASHL ASIR AVDR AVJL AWAR AWAL BDUR PVQL RIFR	AINR AIZL ALMR ASGL ASHR ASJL ASKR AVHL AVJR AWBL AWCR PVCR PVQR	AIYL ALA ASEL ASGR ASIL ASJR AVDL AVHR AWAL AWBR BDUL PVPR RIFL	RMGR SAAVR ADLL AFDR AIML AIML ALA ASER ASIL ASSIL AWCR PVQL RIFR	ADLR AIAL AIMR AIYL ASGL ASIR ASKL AWBR BDUL PVQR	AFDL AIAR AINL AIYR ASEL ASGR ASJL ASKR AWAR AWCL PVPR RIFL	AIAR AINL AIYR ALMR ASGL ASHR ASJL ASKR AVJL AWAR AWCL BDUR PVCL PVPR RID	AIML AINR ALA ASEL ASGR ASIL AVHL AVJR AWBL AWCR FLPL PVCR PVQL RIFL	AIMR AIYL ALML ASER ASHL ASIR AVHR AWAL AWBR BDUL FURN PVPL PVQR RIFR	ADFL AFDL AIAR AINL AIYR ALMR ASGL ASHR ASJL ASWL AVJL AWBL AWCR PVPL PVQR	ADLL AFDR AIML AINR ALA ASEL ASGR ASIL ASJR AVHL AWAL AWBR BDUL PVPR RIFL	ADLR AIAL AIMR AIYL ALMIL ASER ASHL ASIR ASKL AVHR AWCL BDUR PVQL RIFR	Amphid sensory containing