

BOX I: RNA Samples for Sequencing

Row 1						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
CTL_1 DRG Ips.		25	602.992	15074.8	2.13	2.21
CTL_1 DRG Contra.		25	659.136	16478.4	2.13	2.21
CTL_2 DRG Ips.		25	599.28	14982	2.15	2.27
CTL_2 DRG Contra.		25	638.372	15959.3	2.14	2.24
CTL_3 DRG Ips.		25	541.048	13526.2	2.11	2.24
CTL_3 DRG Contra.		25	636.98	15924.5	2.14	2.19
Row 2						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
RT1_6h DRG Ips.		25	409.736	10243.4	2.09	1.74
RT1_6h DRG Contra.		25	375.168	9379.2	2.08	2.11
RT2_6h DRG Ips.		25	266.128	6653.2	2.07	2.05
RT2_6h DRG Contra.		25	481.424	12035.6	2.09	2.06
RT3_6h DRG Ips.		25	559.26	13981.5	2.1	1.88
RT3_6h DRG Contra.		25	599.504	14987.6	2.13	1.74
Row 3						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
CS6h_1 DRG Ips.		25	599.728	14993.2	2.11	1.61
CS6h_1 DRG Contra.		25	641.968	16049.2	2.13	2.28
CS6h_2 DRG Ips.		25	538.96	13474	2.09	2.24
CS6h_2 DRG Contra.		25	687.788	17194.7	2.11	2.22
CS6h_3 DRG Ips.		25	581.416	14535.4	2.1	2
CS6h_3 DRG Contra.		25	653.568	16339.2	2.11	2.09
Row 4						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
CS1d_1 DRG Ips.		25	553.228	13830.7	2.1	2.14
CS1d_1 DRG Contra.		25	568.772	14219.3	2.09	2.21
CS1d_2 DRG Ips.		25	605.66	15141.5	2.14	2.14
CS1d_2 DRG Contra.		25	605.08	15127	2.13	2.12
CS1d_3 DRG Ips.		25	591.74	14793.5	2.13	2.12
CS1d_3 DRG Contra.		25	531.652	13291.3	2.09	2.03
Row 5						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
CS3d_1 DRG Ips.		25	490.472	12261.8	2.11	2.17
CS3d_1 DRG Contra.		25	596.844	14921.1	2.17	2.18
CS3d_2 DRG Ips.		25	598.12	14953	2.14	2.26
CS3d_2 DRG Contra.		25	607.632	15190.8	2.15	2.14
CS3d_3 DRG Ips.		25	553.46	13836.5	2.11	2.19
CS3d_3 DRG Contra.		25	573.296	14332.4	2.12	2.12
Row 6						
Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230	
CS7d_1 DRG Ips.		25	562.972	14074.3	2.11	2.23

BOX II: Diluted RNA Samples for Quality Check

Row 1		
Sample name	Concentration (ng/ul)	Volume (ul)
CTL_1 DRG Ips.	4	10
CTL_1 DRG Contra.	4	10
CTL_2 DRG Ips.	4	10
CTL_2 DRG Contra.	4	10
CTL_3 DRG Ips.	4	10
CTL_3 DRG Contra.	4	10
Row 2		
Sample name	Concentration (ng/ul)	Volume (ul)
RT1_6h DRG Ips.	4	10
RT1_6h DRG Contra.	4	10
RT2_6h DRG Ips.	4	10
RT2_6h DRG Contra.	4	10
RT3_6h DRG Ips.	4	10
RT3_6h DRG Contra.	4	10
Row 3		
Sample name	Concentration (ng/ul)	Volume (ul)
CS6h_1 DRG Ips.	4	10
CS6h_1 DRG Contra.	4	10
CS6h_2 DRG Ips.	4	10
CS6h_2 DRG Contra.	4	10
CS6h_3 DRG Ips.	4	10
CS6h_3 DRG Contra.	4	10
Row 4		
Sample name	Concentration (ng/ul)	Volume (ul)
CS1d_1 DRG Ips.	4	10
CS1d_1 DRG Contra.	4	10
CS1d_2 DRG Ips.	4	10
CS1d_2 DRG Contra.	4	10
CS1d_3 DRG Ips.	4	10
CS1d_3 DRG Contra.	4	10
Row 5		
Sample name	Concentration (ng/ul)	Volume (ul)
CS3d_1 DRG Ips.	4	10
CS3d_1 DRG Contra.	4	10
CS3d_2 DRG Ips.	4	10
CS3d_2 DRG Contra.	4	10
CS3d_3 DRG Ips.	4	10
CS3d_3 DRG Contra.	4	10
Row 6		
Sample name	Concentration (ng/ul)	Volume (ul)
CS7d_1 DRG Ips.	4	10

CS7d_1 DRG Contra.	25	473.188	11829.7	2.1	2.2
CS7d_2 DRG Ipsi.	25	555.432	13885.8	2.1	2.24
CS7d_2 DRG Contra.	25	584.78	14619.5	2.14	2.08
CS7d_3 DRG Ipsi.	25	614.592	15364.8	2.15	1.8
CS7d_3 DRG Contra.	25	596.032	14900.8	2.15	2.18

Row 7

Sample name	Concentration (ng/ul)	Volume (ul)	Total RNA (ng)	A260/A280	A260/A230
CS14d_1 DRG Ipsi.	25	581.88	14547	2.1	2.12
CS14d_1 DRG Contra.	25	654.96	16374	2.11	2.2
CS14d_2 DRG Ipsi.	25	595.684	14892.1	2.15	2.19
CS14d_2 DRG Contra.	25	595.452	14886.3	2.14	2.18
CS14d_3 DRG Ipsi.	25	606.356	15158.9	2.15	2.08
CS14d_3 DRG Contra.	25	604.616	15115.4	2.16	1.99

CS7d_1 DRG Contra.	4	10
CS7d_2 DRG Ipsi.	4	10
CS7d_2 DRG Contra.	4	10
CS7d_3 DRG Ipsi.	4	10
CS7d_3 DRG Contra.	4	10

Row 7

Sample name	Concentration (ng/ul)	Volume (ul)
CS14d_1 DRG Ipsi.	4	10
CS14d_1 DRG Contra.	4	10
CS14d_2 DRG Ipsi.	4	10
CS14d_2 DRG Contra.	4	10
CS14d_3 DRG Ipsi.	4	10
CS14d_3 DRG Contra.	4	10