

Supplemental Tables

Table 1 Gene symbol and sequence of each primer and probe used in real time PCR

Gene Symbol	Sequence
Colla1	Forward: 5'-GCTCCTCTTAGGGGCCACT-3' Reverse: 5'-CCACGTCTCACCATTGGGG-3'
Col2a1	Forward: 5'-CAGGATGCCCGAAAATTAGGG-3' Reverse: 5'-ACCACGATCACCTCTGGGT-3'
Col4a1	Forward: 5'-CTGGCACAAAAGGGACGAG-3' Reverse: 5'-ACGTGGCCGAGAATTCACC-3'
Col4a2	Forward: 5'-GACCGAGTGCGGTTCAAAG-3' Reverse: 5'-CGCAGGGCACATCCAATT-3'
Lama2	Forward: 5'-ATGGCTTCCCGTACTTCAGTT-3' Reverse: 5'-ACCGCCAACAAAAACAGGGT-3'
Lama3	Forward: 5'-ACACCTGGGACGTGGATTG-3' Reverse: 5'-CTTGCAGGGTGAATGCTTCAT -3'
Lamb2	Forward: 5'-GAACTTCGCTTGGGCCTACTT-3' Reverse: 5'-GGTGGCTGGATAGCAGCTT-3'
Sele	Forward: 5'-ATGCCTCGCGCTTTCTCTC-3' Reverse: 5'-GTAGTCCCGCTGACAGTATGC-3'
Sell	Forward: 5'-TACATTGCCCAAAGCCCTTAT-3' Reverse: 5'-CATCGTTCCATTCCAGAGTC-3'
Selp	Forward: 5'-CATCTGGTTCAGTGCTTTGATCT-3' Reverse: 5'-ACCCGTGAGTTATCCATGAGT-3'
Icam1	Forward: 5'-GTGATGCTCAGGTATCCATCCA -3' Reverse: 5'-CACAGTTCTCAAAGCACAGCG -3'
Vcam1	Forward: 5'-AGTTGGGGATTTCGGTTGTTCT-3' Reverse: 5'-CCCCTCATTCTTACCACCC-3'
Vcan	Forward: 5'-ACTAACCATGCACTACATCAAG-3' Reverse: 5'-ACTTTTCCAGACAGAGAGCCTT-3'
LH1	Forward: 5'- GAAGGATGACGCCAAGCTAGA-3' Reverse: 5'- TGAAGAACTGAGCTGAACGCT-3'
LH2	Forward: 5'-GAGAGGCGGTGATGGAATGAA-3' Reverse: 5'-ACTCGGTAAACAAGATGACCAGA-3'
LH3	Forward: 5'-AGGACTGAACTGCCCCAAAAG-3' Reverse: 5'- CCCTCTTACCACAGGGTTGT-3'
Ccl2	Forward: 5'- TTA AAAACCTGGATCGGAACCAA-3' Reverse: 5'- GCATTAGCTTCAGATTTACGGGT-3'
Ccl12	Forward: 5'- ATTTCCACACTTCTATGCCTCCT-3' Reverse: 5'- ATCCAGTATGGTCCTGAAGATCA-3'
Tnf	Forward: 5'- CCCTCACACTCAGATCATCTTCT-3' Reverse: 5'- GCTACGACGTGGGCTACAG-3'
Gene Symbol	Sequence

Ptgs2	Forward: 5'- TTCAACACACTCTATCACTGGC-3' Reverse: 5'- AGAAGCGTTTGCGGTACTCAT-3'
Ncf1	Forward: 5'- ACACCTTCATTTCGCCATATTGC-3' Reverse: 5'- TCGGTGAATTTTCTGTAGACCAC-3'
Ncf4	Forward: 5'- GTCATCGAGGTCAAAACAAAAGG-3' Reverse: 5'- GCCCATGTAGACTTTGGCTG-3'
CD14	Forward: 5'- CTCTGTCCTTAAAGCGGCTTAC-3' Reverse: 5'- GTTGCGGAGGTTCAAGATGTT-3'
CD44	Forward: 5'- CACCATTGCCTCAACTGTGC-3' Reverse: 5'- TTGTGGGCTCCTGAGTCTGA-3'
Itgb2	Forward: 5'- CAGGAATGCACCAAGTACAAAGT-3' Reverse: 5'- CCTGGTCCAGTGAAGTTCAGC-3'
Itgam	Forward: 5'- ATGGACGCTGATGGCAATACC-3' Reverse: 5'- TCCCCATTCACGTCTCCCA-3'

Table 2 Baseline characteristics of patients with intracerebral hemorrhage and controls

Characteristics	Controls (n=34)	ICH (n=34)	P value
Age, y	58.9±6.5	55.7±7.8	0.072
Male sex, %	19 (55.9)	17 (50.0)	0.627

BMI, kg/m ²	24.4±2.5	27.4±9.3	0.649
SBP, mmHg	131.3±5.9	167.9±17.7	<0.001
DBP, mmHg	79.5±5.3	105.1±10.7	<0.001
TC, mmol/L	5.1 (4.3, 5.9)	4.8 (4.2, 5.4)	0.086
TG, mmol/L	1.3 (0.8, 1.6)	1.5 (1.0, 2.2)	0.133
GLU, mmol/L	5.4 (5.0, 5.9)	5.6 (5.1, 6.9)	0.165
Cigarette smoking, %			0.770
Never	22 (64.7)	22 (64.7)	
Former	4(11.8)	5 (14.7)	
Current	8 (23.5)	7 (20.6)	
Alcohol intake, %			0.622
Nondrinker	19 (55.9)	21 (61.8)	
Drinker	15 (44.1)	13 (38.2)	

Categorical variables are expressed as frequency (percent). Continuous variables are expressed as means ± SD, or as median (interquartile range). Abbreviations: BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; TC, total cholesterol; TG, triglycerides; GLU, glucose; ICH, intracerebral hemorrhage. Statistical comparisons for percentages were performed using χ^2 analysis. Comparisons between means or medians were performed using a Student's t test.

Patients ID	Time point of blood collection after ICH (months)	Content of LH3 in serum (ng/ml)	Location of hematoma	ICH Volume (cm³)
1	10	5.79	cerebellum	27.46
2	10	4.67	basal ganglia	34.97
3	6	6.11	thalamus	3.95
4	8	6.00	thalamus	4.49
5	8	5.61	basal ganglia	8.67
6	5	5.24	basal ganglia	5.59

7	9	5.09	thalamus	6.55
8	5	5.65	temporal lobe	94.60
9	10	5.40	basal ganglia	19.50
10	10	4.98	basal ganglia	22.29
11	7	4.26	basal ganglia	38.87
12	9	5.18	basal ganglia	43.56
13	6	5.53	basal ganglia	30.10
14	6	5.49	basal ganglia	18.85
15	7	5.94	basal ganglia	6.61
16	6	5.46	basal ganglia	21.06
17	6	5.28	basal ganglia	10.15
18	6	5.68	thalamus	0.51
19	6	4.78	basal ganglia	40.47
20	7	5.73	basal ganglia	16.62
21	7	6.01	basal ganglia	21.16
22	5	5.90	basal ganglia	11.78
23	5	5.65	frontal lobe	52.39
24	5	6.25	basal ganglia	67.28
25	5	5.17	basal ganglia	11.63

Table 3 Detailed hemorrhagic information of patients with intracerebral hemorrhage.

Patients ID	Time point of blood collection after ICH (months)	Content of LH3 in serum (ng/ml)	Location of hematoma	ICH Volume (cm³)
26	5	4.79	basal ganglia	4.75
27	6	3.54	basal ganglia	16.50
28	6	3.94	cerebellum	7.40
29	6	4.80	thalamus	10.13
30	6	5.35	brainstem	8.82
31	6	4.96	basal ganglia	4.00
32	6	5.55	thalamus	16.64
33	6	5.34	temporal lobe	28.22
34	6	4.38	basal ganglia	38.80

Abbreviations: ICH, intracerebral hemorrhage.