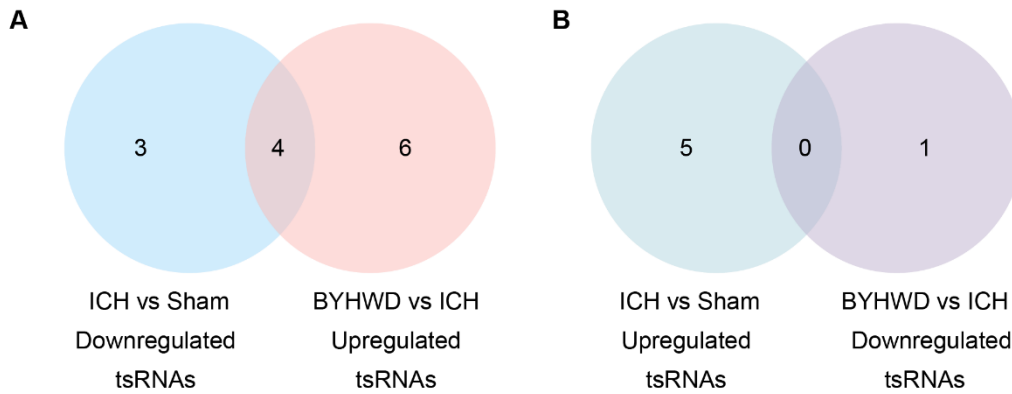


Supplementary Figure S1. Scatter plots are used to exhibit differently expressed tsRNAs between 3 groups. **(A)** tsRNAs which are upregulated in ICH group compared to Sham are shown in green, and the downregulated tsRNAs are in red. **(B)** The upregulated tsRNAs after BYHWD treatment are in green and the downregulated ones are in red.



Supplementary Figure S2. Venn plot to show the overlapping of significantly different tsRNAs ($FC > 1.3$ and $P < 0.05$) between ICH vs sham and BYHWD vs ICH. The changed genes in ICH vs sham were called ICH-associated genes, and the changed genes in BYHWD vs ICH were the BYHWD-associated genes. By overlapping the two kinds of genes, we found the meaningful therapeutic targets of BYHWD treatment, which exactly played roles in ICH. There were 4 tsRNAs upregulated by BYHWD treatment (A), while no tsRNA was downregulated after BYHWD treatment (B).

Table S1. Modified Neurologic Severity Scores (mNSS)

1. Motor tests	6
<i>Raising rat by the tail</i>	<i>(3)</i>
1 Flexion of forelimb	
1 Flexion of hindlimb	
1 Head moved >10° to vertical axis within 30 s	
<i>Placing rat on the floor (normal=0; maximum=3)</i>	<i>(3)</i>
0 Normal walk	
1 Inability to walk straight	
2 Circling toward the paretic side	
3 Fall down to the paretic side	
2. Sensory tests	2
1 Placing test (visual and tactile test)	
2 Proprioceptive test (deep sensation, pushing the paw against the table edge to stimulate limb muscles)	
3. Beam balance tests (normal=0; maximum=6)	6
0 Balances with steady posture	
1 Grasps side of beam	
2 Hugs the beam and one limb falls down from the beam	
3 Hugs the beam and two limbs falls down from the beam, or spins on beam (>60 s)	
4 Attempts to balance on the beam but falls off (>40 s)	
5 Attempts to balance on the beam but falls off (>20 s)	
6 Falls off: No attempt to balance or hang on to the beam (<20 s)	
4. Reflexes absent and abnormal movements	4
1 Pinna reflex (head shake when touching the auditory meatus)	
1 Corneal reflex (eye blink when lightly touching the cornea with cotton)	
1 Startle reflex (motor response to a brief noise from snapping a clipboard paper)	
1 Seizures, myoclonus, myodystony	
<hr/> Maximum points	18
