Ribozyme	Acid	Base	Catalytic centre	Notes
VS	A N1	G N1	G638  G638  G638  N  N  N  N  N  N  N  N  A756	
Hairpin	A N1	G N1	O Ade O N N N N N N N N N N N N N N N N N N	
Twister	A N3	G N1	H <sub>3</sub> N N OH H N OH H N OH	Acid adjacent to scissile P
Hammerhead	O 2'	G N1	HO GH OH	O2' activated by Mg <sup>2</sup> +
Pistol	Mg <sup>2+</sup> H <sub>2</sub> O	G N1	Mg <sup>2</sup> nbas G40  O nbas H <sub>2</sub> N  O H	
HDV	C N3	Mg <sup>2+</sup> OH-	NH <sub>2</sub> OH OH Mg	
Twister-sister	C N3?	Mg <sup>2+</sup> OH-	NH <sub>5</sub> O nbas C54 NH O nbas O nbas O nbas	
Glms	Glc6p amine	G N1	GicN <sub>e</sub> P+ O Gua	Use of a coenzyme