

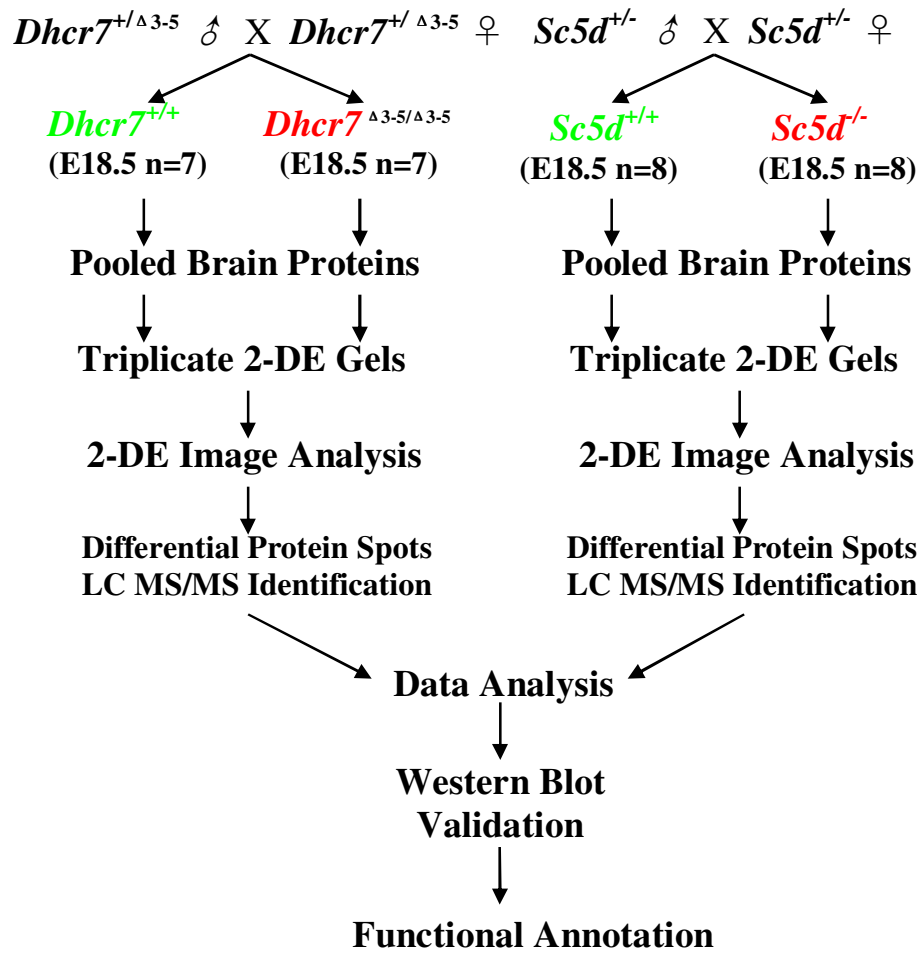
Supplemental Figure 1. Procedural schematic for 2-DE proteomics analysis of both *Dhcr7*^{Δ3-5/Δ3-5} and *Sc5d*^{-/-} embryonic brain tissue.

Supplemental Figure 2. Schematic representation of the mevalonate pathway in animal cells. The mevalonate pathway is involved in the synthesis of cholesterol as well as nonsteroidal isoprenoids.

Supplemental Table I. Predicted False Positive Rate.

	Student's <i>t</i> test P < 0.05		
	R > 1.2	R > 1.5	R > 2.0
<i>Dhcr7</i> +/+ VS <i>Dhcr7</i> -/-	56	46	19
<i>Sc5d</i> +/+ VS <i>Sc5d</i> -/-	52	38	10
<i>Dhcr7</i> +/+ VS <i>Sc5d</i> +/+	19	3	1
False Positive Rate for <i>Dhcr7</i>	33.9%(19/56)	6.5%(3/46)	5.3%(1/19)
False Positive Rate for <i>Sc5d</i>	36.5%(19/52)	7.9%(3/38)	10.0%(1/10)

Supplemental Figure 1



Supplemental Figure 2

