Number 78.552   1 63 Female 78.552   2 48 Male 329.5411   3 51 Female 422.6232	l (pg/ml) estrogen level (pg/ml)
2 48 Male 329.541	
	80.4562
3 51 Female 422.6232	18 118.4834
	128.2442
4 38 Female 312.9193	38 176.2774
5 57 Female 124.2619	95 62.7896
6 69 Male 247.2632	74.6908
7 46 Male 81.0452	7 87.9594
8 45 Male 87.6939	9 87.5602
9 41 Female 204.8776	68 85.8528
10 62 Female 83.5385	4 21.3406
11 65 Male 129.2484	49 64.5362
12 63 Female 64.4234	7 71.4128
13 58 Female 99.3292	5 103.4108
14 61 Male 36.1664	1 87.031
15 79 Male 232.3030	55 57.3756
16 63 Male 176.6200	52 73.0868
17 47 Female 356.967	15 146.2598
18 43 Female 259.7296	52 158.6058
19 58 Male 61.9302	2 84.628
20 49 Male 125.924	57.2488

## Supplemental Table 2: Shh protein and estrogen levels in CSF