

This chart helps to explain the DNA results. Find the number that is listed on the DNA result sheet and then locate it in the area that says Igenity Result and then find the Trait name and match them up to find the actual result.

Trait	<b>IGENITY Result</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
	Average Daily Gain	0	0.05	0.14	0.24	0.34	0.44	0.54	0.64	0.72	0.81
	Tenderness in lbs. of WBSF	0	-0.2	-0.4	-0.8	-1.1	-1.2	-1.5	-1.9	-2.0	-2.3
	USDA Marbling Score	0	17.7	35.5	53.3	70.6	88.4	106.4	123.6	141.3	161.4
	Backfat Thickness	0	.06	.09	.13	.17	.21	.24	.28	.32	.37
	Ribeye Area in Sq. Inches	0	0.24	0.53	0.80	1.07	1.35	1.64	1.93	2.22	2.56
	Percent Choice	0	7.2	14.3	21.5	28.6	35.8	42.9	50.1	57.2	64.4
	Yield Grade	0	0.15	0.31	0.46	0.61	0.76	0.92	1.07	1.21	1.35
	Heifer Pregnancy	0	1.9	4.0	6.0	8.1	10.0	12.1	14.2	16.2	18.8
	Stayability	0	2.5	3.9	5.8	7.6	9.5	11.2	12.9	14.7	16.7
	Calving Ease	0	1.0	2.0	3.1	4.1	5.1	6.2	7.3	8.4	9.5
	Docility	0	5.8	10.7	15.7	20.5	25.3	30.0	34.7	39.6	45.4

**NR (No Results)**

Some samples may look normal when we submitted them, but still are unable to produce acceptable results. This often occurs due to contaminants that are undetectable to the naked eye; i.e. dirt, mold or other foreign matter. In many instances, a new sample has been submitted and results will be available shortly.

**How to use the IGENITY Profile**

IGENITY Scores are easy to incorporate into your selection criteria. They represent an additional tool when combined with EPD's, ultrasound and visual appraisal. As the case with any selection method, single trait selection should be avoided. Select those animals that best combine the traits you desire to emphasis in your herd. As an example, if you are trying to decide between two bulls – Bull A and Bull B - and Bull A has an IGENITY profile score for Marbling of 8 and Bull B has a Marbling score of 7 and you prefer Bull B's EPD's and phenotype; then you can confidently select Bull B as his genetic potential is still in the direction you prefer.