

The correlation between the expression of genes involved in drug metabolism and the blood level of tacrolimus in liver transplant receipts

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Running title: Gene expression and the blood level of tacrolimus in liver transplant receipts

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Supplemental Table 1. Genes with significant changes of the expression levels identified in Drug Metabolism RT²Profile PCR Arrays

	Gene	Fold Change*	<i>p</i> value
Phase I enzymes	<i>CYP8B1</i>	3.7524	0.040004
	<i>CYP4F3</i>	3.4386	0.009126
	<i>CYP4A11</i>	4.0740	0.034044
	<i>CYP3A5</i>	3.8184	0.049760
	<i>CYP3A43</i>	3.6358	0.025309
	<i>CYP2C9</i>	15.4349	0.026992
	<i>CYP2C19</i>	5.5827	0.015599
	<i>CYP2B6</i>	4.2845	0.048768
	<i>CYP2A13</i>	3.9677	0.032291
	<i>CYP1A1</i>	3.6028	0.042150
	<i>CYP19A1</i>	5.9401	0.018675
	<i>CYP17A1</i>	22.2836	0.045420
	<i>ALDH7A1</i>	3.6878	0.026845
	<i>ALDH5A1</i>	3.6389	0.022865
	<i>ALDH1A3</i>	3.1633	0.028930
	<i>ADH7</i>	4.8964	0.045980
	<i>ADH6</i>	8.2639	0.037700
	<i>ADH5</i>	3.9610	0.043810
	<i>ADH1C</i>	7.5629	0.007500
	<i>ADH1B</i>	4.6237	0.026390
	<i>ADH1A</i>	7.2141	0.026640
	<i>PTGS2</i>	4.7029	0.021510
	<i>XDH</i>	3.9166	0.047120
	<i>PTGS1</i>	4.2884	0.009490
Phase II enzymes	<i>GAD1</i>	3.8351	0.044790
	<i>SULT1B1</i>	4.7004	0.043540

*Expression levels in the low tacromulis group are compared to those in the high tacrolimus group.