

1 **Manuscript Title: Genetic variants in NT5C2 are associated with its expression and cytarabine sensitivity in HapMap cell lines and in AML**  
2 **patients.**

3 Amit K Mitra, Kristine R Crews, Stanley Pounds, Xueyuan Cao, Tanya Feldberg, Yogita Ghodke, Varsha Gandhi, William Plunkett, M. Eileen Dolan,  
4 Christine Hartford, Susana Raimondi, Dario Campana, James Downing, Jeffrey E Rubnitz, Raul C Ribeiro, and Jatinder K. Lamba.

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**Supplementary TABLE 1. PCR primers and conditions used for resequencing of NT5C2 gene.**

<b>Amplicon ID</b>	<b>FORWARD PRIMER</b>	<b>REVERSE PRIMER</b>	<b>PCR Cycle Conditions</b>	<b>Product Length (bp)</b>
<b>NT5C2_utrA</b>	TTGCGAATAGTTTTCCCTTA	CATCACCCAAGACTGAACCA	56°C for 1 min; 5% dimethyl sulfoxide; 1.5 mM MgCl <sub>2</sub>	1016bp
<b>NT5C2_utrB</b>	GTCCTGCTTTGCTCTGATGA	GACTCGGCCTAAGGAGAGG	56°C for 1 min 15 s; 5% dimethyl sulfoxide; 1.5 mM MgCl <sub>2</sub>	1251bp
<b>NT5C2_EX1</b>	TGAGGTAATTATGGGAGGGACA	CAGTGGTTCCTGGGGTAAG	57°C for 45 s; 1.5 mM MgCl <sub>2</sub>	620bp
<b>NT5C2_EX2</b>	GAATGGGGAAACGAGCTGTA	AGATTGCGCCATTGTACTCC	57°C for 1 min; 1.5 mM MgCl <sub>2</sub>	926bp
<b>NT5C2_EX3</b>	CAAACAGCATGTCGTGTATACAT	TCATGAGCCACATCTCAAGG	58°C for 30 s; 1.5 mM MgCl <sub>2</sub>	429bp
<b>NT5C2_EX4.5</b>	GGGGAAGAAGTGGGAAAGAG	GTTTGGGTCCAAGTGCCTA	56°C for 1 min 15 s; 1.5 mM MgCl <sub>2</sub>	1268bp
<b>NT5C2_EX6.7</b>	GCTGGAACCTAAGCTGGACA	TCACACAAACCTCCCACTCA	56°C for 1 min; 1.5 mM MgCl <sub>2</sub>	913bp
<b>NT5C2_EX8</b>	CAGGAAAGTCAGGGTGGAAA	ATGGACCACTGTCATCCACA	55°C for 1 min; 1.5 mM MgCl <sub>2</sub>	761bp
<b>NT5C2_EX9</b>	TACTTGGGAGGCTGAAGTGG	AAGCTAAGCGAACAATGCAA	55°C for 45 s; 1.5 mM MgCl <sub>2</sub>	543bp
<b>NT5C2_EX10</b>	TTAAAAGGTTCCCCATTCC	CCAACAGCAGGGAAAGTCAT	54°C for 45 s; 1.5 mM MgCl <sub>2</sub>	550bp
<b>NT5C2_EX11</b>	AGTTCCAATTCCCCAATTC	TTTTCTGGGTGGGTTCTGAC	55°C for 45 s; 1.5 mM MgCl <sub>2</sub>	605bp
<b>NT5C2_EX12.13</b>	CTCCCCCTCTAGGTTCAAG	CCCATGGAACCTTGAGAA	57°C for 1 min 15 s; 1.5 mM MgCl <sub>2</sub>	1163bp
<b>NT5C2_EX14</b>	AAAGCCAGCTTAATGGCAGA	TAGGCATGGTTGGGGAAATA	53°C for 1 min; 1.5 mM MgCl <sub>2</sub>	811bp
<b>NT5C2_EX15</b>	GATGCTGGCTGTTGCTGTTA	CTCAGCCTCCCAAATAGCTG	56°C for 45 s; 1.5 mM MgCl <sub>2</sub>	672bp
<b>NT5C2_EX16.17</b>	CGAAACCCCATCTCTACCAG	GACCCCTTCTTATGCAACCA	56°C for 1 min; 1.5 mM MgCl <sub>2</sub>	772bp
<b>NT5C2_EX18</b>	TGTAATTGCATGGCCACCTA	TGCCAGAGTCACTGAGGATG	55°C for 1 min; 1.5 mM MgCl <sub>2</sub>	876bp

**Supplementary Table 2. Primers used for preparing NT5C2 reporter constructs.**

<b>PRIMER ID</b>	<b>SEQUENCE</b>
<b>rs10748839 PROCLO2 FP</b>	ccacccatcttatcactgag
<b>rs10748839 PROCLO2 RP</b>	ccccttgatggctaaaaaca
<b>rs11191612_Pro3_F</b>	gctctcctgctgatcatgt
<b>rs11191612_Pro3_R</b>	gcagctgccacacagata