

A better  
path forward

## Genomind Pharmacogenetic Report

Patient:	<b>Bob Sample</b>	Sample ID:	<b>0000096272</b>
Patient DOB:	<b>12/25/1985</b>	Accession ID:	<b>10101010</b>
Ordering Clinician:	<b>Joe Clinician</b>	Sample Collection Date:	<b>9/10/2018</b>
Sample Type:	<b>Buccal</b>	Sample Received Date:	<b>9/14/2018</b>
Assay Ordered:	<b>Genomind PGx (v3.2)</b>	Report Date:	<b>9/17/2018 10:17 AM</b>

### Supplemental Diagnoses Pages

#### Electronically Signed By

David Robbins, PhD, DABCC, MT (AAB), Lab Director for Genomind, Inc.

#### Literature Information Reviewed By

David Krause, M.D., Chief Medical Officer for Genomind, Inc.

The Genomind PGx Report is intended to provide genetic information to healthcare professionals which may aid in the prescribing of medications for individuals with mental illness and associated comorbidities.\*

#### Personalized Consultation Available for Clinicians

A complimentary consultation, performed by our expert psychopharmacologists, is included with all Genomind PGx Reports. Consultations can be scheduled directly from the [Genomind Precision Health Platform](#).

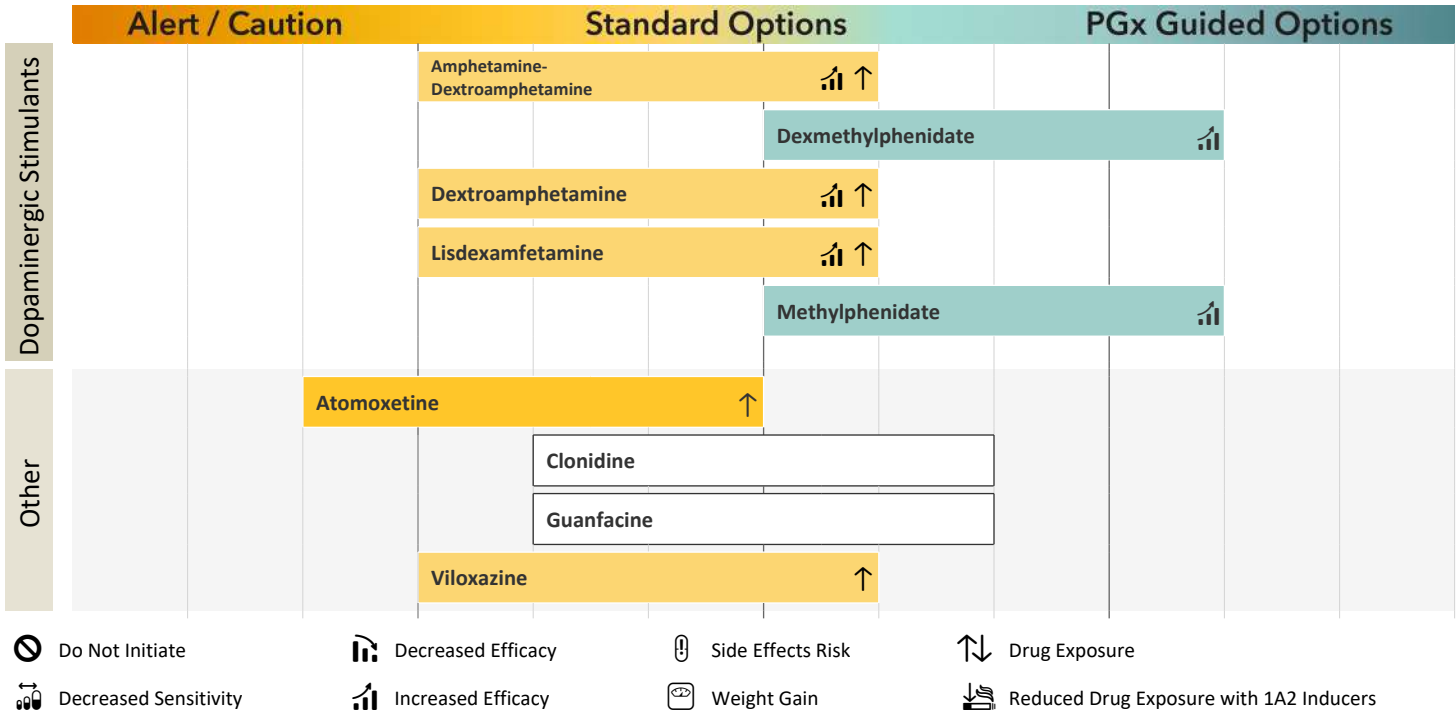
#### CONTACT INFORMATION

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\*Disclaimer: This report is designed to be adjunctive to a complete patient assessment, including but not limited to proper diagnosis, clinical history, assessment of concomitant co-morbidities and medications, family history, and other factors. Prescribers should be familiar with the approved indications, warnings, precautions, and other sections of the drug manufacturer's prescribing information, as well as relevant clinical practice guidelines. Prescribers should not rely solely on this report in making prescribing decisions. The understanding of the relationship between specific genes and pharmacokinetics or pharmacodynamics changes periodically, and this report will not be updated to reflect new findings. For more information on gene-drug associations, please reference PharmGKB, CPIC, PharmVar or the FDA Table of Pharmacogenetic Associations or Pharmacogenomic Biomarkers.









## ADHD SUMMARY



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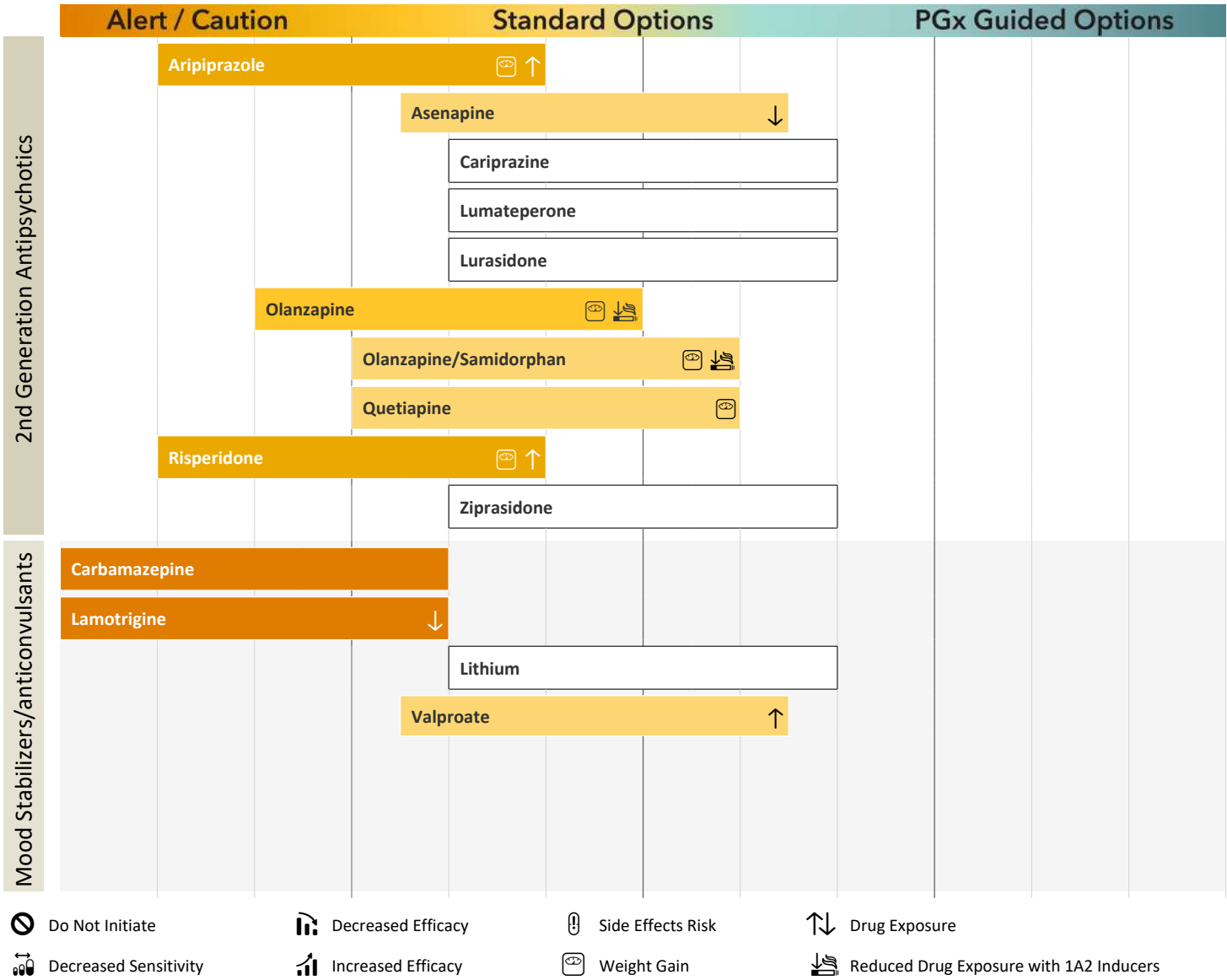
## ANXIETY AND RELATED DISORDERS SUMMARY

	Alert / Caution	Standard Options	PGx Guided Options
SSRIs	Escitalopram	  	
	Fluoxetine	  	
	Fluvoxamine	  	
	Paroxetine	  	
	Sertraline	  	
SNRIs		Duloxetine	
		Venlafaxine	
TCAs		Clomipramine	
		Doxepin	
Anxiolytics		Alprazolam	
		Buspirone	
		Chlordiazepoxide	
		Clonazepam	
		Diazepam	
		Hydroxyzine	
		Lorazepam	
		Oxazepam	

-  Do Not Initiate
-  Decreased Sensitivity
-  Decreased Efficacy
-  Increased Efficacy
-  Side Effects Risk
-  Weight Gain
-  Drug Exposure
-  Reduced Drug Exposure with 1A2 Inducers











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## BIPOLAR SUMMARY



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## DEPRESSION SUMMARY









	Alert / Caution	Standard Options	PGx Guided Options
SSRIs	Citalopram	  ↑	
	Escitalopram	  ↑	
	Fluoxetine	  ↑	
	Paroxetine	  ↑	
	Sertraline	  ↑	
SNRIs		Desvenlafaxine	
		Duloxetine	↑
		Levomilnacipran	
	Venlafaxine	↑	
Other		Bupropion	
		Dextromethorphan/Bupropion	↑
		Mirtazapine	↑
		Nefazodone	
		Trazodone	↑
		Vilazodone	
TCAs		Vortioxetine	↑
		Amitriptyline	↑
		Amoxapine	↑
		Desipramine	↑
		Doxepin	↑
		Imipramine	↑
		Nortriptyline	↑
		Protriptyline	↑
	Trimipramine	↑	

-  Do Not Initiate
-  Decreased Efficacy
-  Side Effects Risk
-  Drug Exposure
-  Decreased Sensitivity
-  Increased Efficacy
-  Weight Gain
-  Reduced Drug Exposure with 1A2 Inducers

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## DEPRESSION AUGMENTATION SUMMARY

Alert / Caution	Standard Options	PGx Guided Options
Aripiprazole  		
Brexipiprazole  		
	Cariprazine	
	ECT	
	Esketamine	
		Exercise 
		L-methylfolate
Olanzapine/Fluoxetine  	Phenelzine	
	Quetiapine 	
	Selegiline	
	TMS	
	Tranlycypromine	
	VNS	














-  Do Not Initiate
-  Decreased Efficacy
-  Side Effects Risk
-  Drug Exposure
-  Decreased Sensitivity
-  Increased Efficacy
-  Weight Gain
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## PAIN MANAGEMENT SUMMARY

	Alert / Caution	Standard Options	PGx Guided Options
Non-opioid analgesics		Acetaminophen	
		Celecoxib ↑	
		Diclofenac ↑	
		Flurbiprofen ↑	
		Ibuprofen ↑	
		Ketorolac	
		Meloxicam ↑	
		Naproxen ↑	
		Piroxicam ↑	
	Opioid analgesics		Alfentanil
		Codeine ↑	
		Fentanyl	
		Hydrocodone ↑	
		Hydromorphone	
		Methadone	
		Morphine	
		Oxycodone ↑	
		Oxymorphone	
		Tapentadol	
	Tramadol ↑		

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-  Increased Efficacy
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# SCHIZOPHRENIA SUMMARY

	Alert / Caution	Standard Options	PGx Guided Options
2nd Generation Antipsychotics	Aripiprazole	 ↑	
		Asenapine	↓
	Brexpiprazole	 ↑	
		Cariprazine	
	Clozapine	 ↑	
	Iloperidone	 ↑	
		Lumateperone	
		Lurasidone	
	Olanzapine	 	
		Olanzapine/Samidorphan	 
		Paliperidone	
		Quetiapine	
	Risperidone	 ↑	
		Ziprasidone	
1st Generation Antipsychotics	Chlorpromazine	↑	
	Fluphenazine	↑	
	Haloperidol	↑	
		Loxapine	
	Perphenazine	↑	
	Thioridazine		
		Thiothixene	
		Trifluoperazine	↓




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## EAST ASIAN ANXIETY SUMMARY







	Alert / Caution	Standard Options	PGx Guided Options
SSRIs		Escitalopram ↑	
		Fluoxetine ↑	
		Fluvoxamine ↑	
		Paroxetine ↑	
		Sertraline ↑	
SNRIs		Duloxetine ↑	
		Venlafaxine ↑	
TCAs		Clomipramine ↑	
		Doxepin ↑	
Anxiolytics		Alprazolam	
		Buspirone	
		Chlordiazepoxide	
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## EAST ASIAN DEPRESSION SUMMARY









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		Doxepin ↑	
		Imipramine ↑	
		Nortriptyline ↑	
		Protriptyline ↑	
	Trimipramine ↑		

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