

Infinium™ Global Diversity Array with Enhanced PGx Manifest File Release Notes

v1.0 G2
v1.0 G4

August 2025

Manifest File Revision History

Revision	Date	Description of Change
V1.0 G2	September 2024	Version update
V1.0 G4	August 2025	Version update

Introduction

This document describes key changes to the Infinium Global Diversity with Enhanced PGx BeadChip manifest files (.bpm and .csv formats) for different versions of the BeadChip.

I. Manifest v1.0 G4

CHANGES (FROM G2 MANIFEST):

- Corrected SNP rs1142345 on the TPMT gene. We recommend using the G4 manifest for PGx analysis with DRAGEN Array secondary analysis v1.1+.

DEFECT REPAIRS:

- None

ISSUES:

- None

II. Manifest v1.0 G2

CHANGES (FROM E2 MANIFEST):

- Removed redundant and underperforming probes rs765776661, rs72549356, rs2069514, rs2011404, and rs72549354. These rsIDs are still covered by high-performing probes on the array.
- Mapping information updated for select probes to rescue indels. See Appendix I for affected markers.

DEFECT REPAIRS:

- None

ISSUES:

- None

APPENDIX I.

rsID			
chr22:42126666	rs113885426	rs11568315.8	rs140376414
chrX:154533014	rs113901695	rs11568315.9	rs142164960
rs1039778044	rs113993960	rs1184321568	rs142306794
rs10543656	rs11568315.10	rs120074118	rs142342863
rs10558438	rs11568315.12	rs1210671889	rs142410335
rs10607367	rs11568315.13	rs121918596	rs142774214
rs111618861.2	rs11568315.14	rs1225367412	rs142985285
rs112591684	rs11568315.15	rs1304490498	rs144384654
rs11276875	rs11568315.16	rs1340414849	rs144854329.2
rs11280056.2	rs11568315.2	rs137852338	rs1457579126
rs113136243	rs11568315.3	rs1379462260	rs146644745
rs11313667	rs11568315.5	rs138682556	rs146705863
rs113675734	rs11568315.6	rs138828294	rs148005003
rs113738507	rs11568315.7	rs1400493119	rs148969528

rs1489958419	rs333	rs387906510	rs68014726
rs149599800	rs33931933	rs41417446	rs71366937
rs17244813	rs34198519	rs4148685	rs71486745
rs199564443	rs34241429	rs4148771	rs71495350
rs199777055	rs34447420	rs45445694.1	rs71792528
rs200802208	rs34827823	rs45445694.2	rs72187104
rs201052613.2	rs34828355	rs45460698.1	rs72408262
rs201279313	rs35080182	rs45460698.2	rs72547582
rs201450239	rs35081652	rs45564134	rs72549303
rs267608279	rs35167514	rs5030655	rs72549309
rs281864519	rs35185769	rs530303678	rs72549315
rs28362491	rs35219756	rs534009571	rs72549353
rs28363170	rs35305980	rs536373059	rs72549374
rs28369860	rs35346303	rs536645539	rs72549393
rs28371720	rs35476409	rs540086241	rs72551335
rs28381820	rs35497102	rs549810804	rs72551338
rs29000568	rs35617077	rs554163072	rs72552721
rs3032740.10	rs35621801	rs56153749	rs72552763
rs3032740.11	rs35662066	rs56392308	rs72558196
rs3032740.12	rs35694136	rs5777942	rs72559725
rs3032740.13	rs35718174	rs57979584	rs72559753
rs3032740.14	rs35742686	rs5830119	rs730882170
rs3032740.15	rs35754645	rs5875436	rs748992877
rs3032740.16	rs35854239	rs587776730	rs75388202
rs3032740.17	rs35857671	rs587778873	rs754249773
rs3032740.18	rs36056065	rs5883064	rs754784151
rs3032740.19	rs36056065.1	rs60113013	rs754843583
rs3032740.20	rs36056065.2	rs60500950	rs75604698
rs3032740.21	rs368234815	rs60597612	rs756277986
rs3032740.22	rs375054850	rs60915932	rs756715828
rs3032740.23	rs377629575	rs61469810	rs75761373
rs3032740.24	rs3832036	rs61697860	rs760216586
rs3032740.25	rs3832043	rs61722009	rs762146974
rs3032740.26	rs3832043.2	rs66500202	rs762320614
rs3045983.1	rs3832043.3	rs66512822	rs76969039
rs3093206	rs3834669	rs66609939	rs77142461
rs3215133	rs3835454	rs66909040	rs775220633
rs3215400	rs3841364	rs67264610	rs777657862
rs3217164	rs3842689.2	rs67496683	rs778675938
rs3219191	rs387906289	rs67895816	rs77872647

rs779274859
rs78831337
rs79537776
rs80356821
rs8187649
rs8190859
rs879854152
rs9279161
rs9332131