

Title of Dataset: Gene Expression using Affymetrix Human Genome U133 Plus 2 Arrays from 16 Primary and Recurrent Serous Epithelial Ovarian Cancers

Data: Affymetrix GeneChip™ Human Genome U133 Plus 2.0 Array. The platform provides complete coverage of the Human Genome U133 Set plus 6,500 additional genes for analysis of over 47,000 transcripts.

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Metadata Description: This dataset was generated from 16 primary and matched recurrent ovarian cancer tissue sets from patients with stage III/IV serous epithelial ovarian cancer who were treated at Duke University Medical Center in Durham, North Carolina. The primary tumor specimens were collected at the time of initial debulking surgery. Recurrent tumor samples were obtained from the same patients during “second-look” surgeries. Samples were obtained and data was generated after patients provided written informed consent under protocols approved by the Duke University Institutional Review Board. Tumor specimens were stored at -80°C until nucleic acid extraction.

Keywords: ovarian cancer; primary ovarian cancer; recurrent ovarian cancer; gene expression

File format: .cel files

File names and matching set designation: (e.g., primary “A” and recurrent “A” are from the same patient)

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Matching Set	Tumor ID	Tumor	File Name
A	5323	Primary	2372_5347_28877_5323_HG-U133Aplus2.CEL
B	2074	Primary	2372_5347_28881_2074_HG-U133Aplus2.CEL
C	3143	Primary	2372_5347_28885_3143_HG-U133Aplus2.CEL
D	2931	Primary	2372_5347_28887_2931_HG-U133Aplus2.CEL
E	1809	Primary	2372_5347_28889_1809_HG-U133Aplus2.CEL
F	2798	Primary	2372_5347_28891_2798_HG-U133Aplus2.CEL
G	1854	Primary	2372_5347_28895_1854_HG-U133Aplus2.CEL
H	2802	Primary	2372_5347_28897_2802_HG-U133Aplus2.CEL
I	3453	Primary	2372_5347_28899_3453_HG-U133Aplus2.CEL
K	2655	Primary	2372_5347_28901_2655_HG-U133Aplus2.CEL
L	2700	Primary	2372_5347_28903_2700_HG-U133Aplus2.CEL
M	3039	Primary	2372_5347_28905_3039_HG-U133Aplus2.CEL
N	1674	Primary	2372_5347_28907_1674_HG-U133Aplus2.CEL
O	1770	Primary	2372_5347_28911_1770_HG-U133Aplus2.CEL
P	2581	Primary	2372_5347_28879_2581_HG-U133Aplus2.CEL
Q	1715	Primary	2372_5347_28913_1715_HG-U133Aplus2.CEL
A	5358	Recurrent	2372_5347_28917_5358_HG-U133Aplus2.CEL
B	2362	Recurrent	2372_5347_28882_2362_HG-U133Aplus2.CEL
C	3311	Recurrent	2372_5347_28886_3311_HG-U133Aplus2.CEL
D	3403	Recurrent	2372_5347_28888_3403_HG-U133Aplus2.CEL
E	2216	Recurrent	2372_5347_28890_2216_HG-U133Aplus2.CEL
F	2978	Recurrent	2372_5347_28892_2978_HG-U133Aplus2.CEL
G	1976	Recurrent	2372_5347_28896_1976_HG-U133Aplus2.CEL
H	2825	Recurrent	2372_5347_28898_2825_HG-U133Aplus2.CEL
I	3856	Recurrent	2372_5347_28900_3856_HG-U133Aplus2.CEL
K	2986	Recurrent	2372_5347_28902_2986_HG-U133Aplus2.CEL
L	3222	Recurrent	2372_5347_28904_3222_HG-U133Aplus2.CEL
M	5298	Recurrent	2372_5347_28906_5298_HG-U133Aplus2.CEL
N	2017	Recurrent	2372_5347_28908_2017_HG-U133Aplus2.CEL
O	1986	Recurrent	2372_5347_28912_1986_HG-U133Aplus2.CEL
P	3097	Recurrent	2372_5347_28880_3097_HG-U133Aplus2.CEL
Q	2334	Recurrent	2372_5347_28914_2334_HG-U133Aplus2.CEL