

Breast Image Feature Scoring Project

Summary

This page describes [The Cancer Genome Archive \(TCGA\) Breast Phenotype Research Group](#) research project aimed at developing and testing a Breast Imaging-Reporting and Data System (BI-RADS) inspired [Breast Feature Key](#) for correlative analysis with the other TCGA data types (genetics, pathology, and clinical).

Reader Progress

Instructions for readers who are actively assigned cases can be found on the [TCGA Research on the Cloud](#) wiki page. Instructions for using Clearcanvas to view and score the cases can be found in the [How To Guide - Reading Breast Cases with Clearcanvas](#). Instructions for those who wish to replicate this project independently can be found on the [Breast Reader Training](#) page.

Completed - Reader has finished reading the case and submitted their AIM characterizations to the AIM data service.

In Progress - Reader has been instructed to review this case, but has not yet completed it.

Unassigned - Reader has not yet been asked to review this case.

Round 3 - Updated 2/10/14

Group 1 = Liz M, Rita, Basak/Kathy

Group 2 = Jose, Gary, Marie

Group 3 = Liz S, Ermelinda, Beth

Case	Group 1	Group 2	Group 3
TCGA-AO-A03M	In Progress	Unassigned	Unassigned
TCGA-AO-A03V	In Progress	Unassigned	Unassigned
TCGA-AO-A0J8	In Progress	Unassigned	Unassigned
TCGA-AO-A0J9	In Progress	Unassigned	Unassigned
TCGA-AO-A0JB	In Progress	Unassigned	Unassigned
TCGA-AO-A0JF	In Progress	Unassigned	Unassigned
TCGA-AO-A0JI	In Progress	Unassigned	Unassigned
TCGA-AO-A0JM	In Progress	Unassigned	Unassigned
TCGA-AO-A129	unilateral	Unassigned	Unassigned
TCGA-AO-A12D	In Progress	Unassigned	Unassigned
TCGA-AO-A12E	In Progress	Unassigned	Unassigned
TCGA-AO-A12F	In Progress	Unassigned	Unassigned
TCGA-AO-A12G	In Progress	Unassigned	Unassigned
TCGA-AQ-A04H	biopsy	Unassigned	Unassigned
TCGA-AR-A1AN	In Progress	Unassigned	Unassigned
TCGA-AR-A1AQ	In Progress	Unassigned	Unassigned
TCGA-AR-A1AX	In Progress	Unassigned	Unassigned
TCGA-AR-A24M	Post-op	Post-op	Post-op

TCGA-AR-A24R	Probable Hematoma No mass found	Probable Hematoma No mass found	Probable Hematoma No mass found
TCGA-AR-A24S	In Progress	Unassigned	Unassigned
TCGA-AR-A24U	Post-op	Post-op	Post-op
TCGA-AR-A24W	Post-op	Post-op	Post-op
TCGA-AR-A24X	In Progress	Unassigned	Unassigned
TCGA-AR-A254	Post-op	Post-op	Post-op
TCGA-E2-A105	Unilateral	Unilateral	Unilateral
TCGA-E2-A107	Unilateral	Unilateral	Unilateral
TCGA-E2-A108	In Progress	Unassigned	Unassigned
TCGA-E2-A109	In Progress	Unassigned	Unassigned
TCGA-E2-A10F	In Progress	Unassigned	Unassigned
TCGA-E2-A14N	Unilateral No mass found	Unilateral No mass found	Unilateral No mass found
TCGA-E2-A14P	Unassigned	In Progress	Unassigned
TCGA-E2-A14Q	Unilateral No mass found	Unilateral No mass found	Unilateral No mass found
TCGA-E2-A14S	Unassigned	In Progress	Unassigned
TCGA-E2-A14T	Unassigned	In Progress	Unassigned
TCGA-E2-A14V	Unassigned	In Progress	Unassigned
TCGA-E2-A14X	Unassigned	In Progress	Unassigned
TCGA-E2-A14Y	Unassigned	In Progress	Unassigned
TCGA-E2-A150	Unassigned	In Progress	Unassigned
TCGA-E2-A152	Post-op	Post-op	Post-op
TCGA-E2-A159	Unassigned	In Progress	Unassigned
TCGA-E2-A15A	Unassigned	In Progress	Unassigned
TCGA-E2-A15E	Unassigned	In Progress	Unassigned
TCGA-E2-A15F	Unassigned	In Progress	Unassigned
TCGA-E2-A15H	Unassigned	In Progress	Unassigned
TCGA-E2-A15I	Unassigned	In Progress	Unassigned
TCGA-E2-A15J	Unassigned	In Progress	Unassigned

TCGA-E2-A15K	Unassigned	In Progress	Unassigned
TCGA-E2-A15L	Unassigned	In Progress	Unassigned
TCGA-E2-A15M	Unassigned	In Progress	Unassigned
TCGA-E2-A1B1	Unassigned	In Progress	Unassigned
TCGA-E2-A1B5	Unassigned	In Progress	Unassigned
TCGA-E2-A1B6	Unassigned	In Progress	Unassigned
TCGA-E2-A1IE	Unassigned	In Progress	Unassigned
TCGA-E2-A1IG	Unassigned	In Progress	Unassigned
TCGA-E2-A1II	Unassigned	Unassigned	In Progress
TCGA-E2-A1IJ	Unassigned	Unassigned	In Progress
TCGA-E2-A1IK	Unassigned	Unassigned	In Progress
TCGA-E2-A1IN	Unassigned	Unassigned	In Progress
TCGA-E2-A1IP	Unassigned	Unassigned	In Progress
TCGA-E2-A1L7	Unassigned	Unassigned	In Progress
TCGA-E2-A1L9	Unassigned	Unassigned	In Progress
TCGA-E2-A1LG	Unassigned	Unassigned	In Progress
TCGA-EW-A1IZ	Unassigned	Unassigned	In Progress
TCGA-EW-A1J2	Unassigned	Unassigned	MG only, no MR
TCGA-EW-A1J6	Unassigned	Unassigned	In Progress
TCGA-EW-A1OY	Unassigned	Unassigned	In Progress
TCGA-EW-A1OZ	Unassigned	Unassigned	In Progress
TCGA-EW-A1P0	Unassigned	Unassigned	In Progress
TCGA-EW-A1P3	Unassigned	Unassigned	In Progress
TCGA-EW-A1P4	Unassigned	Unassigned	In Progress
TCGA-EW-A1PA	Unassigned	Unassigned	In Progress
TCGA-EW-A1PC	Unassigned	Unassigned	In Progress
TCGA-EW-A2FR	Unassigned	Unassigned	In Progress
TCGA-EW-A2FS	Unassigned	Unassigned	In Progress
TCGA-EW-A3E8	Unassigned	Unassigned	In Progress
TCGA-EW-A423	Unassigned	Unassigned	MG only, no MR

Round 2 - Updated 8/22/13

Group 1 = Liz M, Rita, Basak/Kathy

Group 2 = Jose, Gary, Marie

Group 3 = Liz S, Ermelinda, Beth

Case	Group 1	Group 2	Group 3
TCGA-BH-A0AW	In Progress	Unassigned	Unassigned
TCGA-BH-A0AZ	In Progress	Unassigned	Unassigned
TCGA-BH-A0B1	In Progress	Unassigned	Unassigned
TCGA-BH-A0B3	In Progress	Unassigned	Unassigned
TCGA-BH-A0B5	In Progress	Unassigned	Unassigned
TCGA-BH-A0B6	In Progress	Unassigned	Unassigned
TCGA-BH-A0BG	In Progress	Unassigned	Unassigned
TCGA-BH-A0BJ	In Progress	Unassigned	Unassigned
TCGA-BH-A0BM	In Progress	Unassigned	Unassigned
TCGA-BH-A0BQ	In Progress	Unassigned	Unassigned
TCGA-BH-A0BT	In Progress	Unassigned	Unassigned
TCGA-BH-A0C0	In Progress	Unassigned	Unassigned
TCGA-BH-A0DE	In Progress	Unassigned	Unassigned
TCGA-BH-A0DG	In Progress	Unassigned	Unassigned
TCGA-BH-A0DH	In Progress	Unassigned	Unassigned
TCGA-BH-A0DI	Unassigned	In Progress	Unassigned
TCGA-BH-A0DK	Unassigned	In Progress	Unassigned
TCGA-BH-A0DT	Unassigned	In Progress	Unassigned
TCGA-BH-A0DV	Unassigned	In Progress	Unassigned
TCGA-BH-A0DX	Unassigned	In Progress	Unassigned
TCGA-BH-A0DZ	Unassigned	In Progress	Unassigned
TCGA-BH-A0E0	Unassigned	In Progress	Unassigned
TCGA-BH-A0E1	Unassigned	In Progress	Unassigned
TCGA-BH-A0E2	Unassigned	In Progress	Unassigned
TCGA-BH-A0E9	Unassigned	In Progress	Unassigned
TCGA-BH-A0EI	Unassigned	In Progress	Unassigned

TCGA-BH-A0GY	Unassigned	In Progress	Unassigned
TCGA-BH-A0GZ	Unassigned	In Progress	Unassigned
TCGA-BH-A0H3	Unassigned	In Progress	Unassigned
TCGA-BH-A0H5	Unassigned	In Progress	Unassigned
TCGA-BH-A0H6	Unassigned	Unassigned	In Progress
TCGA-BH-A0H7	Unassigned	Unassigned	In Progress
TCGA-BH-A0H9	Unassigned	Unassigned	In Progress
TCGA-BH-A0HA	Unassigned	Unassigned	In Progress
TCGA-BH-A0HI	Unassigned	Unassigned	In Progress
TCGA-BH-A0HX	Unassigned	Unassigned	In Progress
TCGA-BH-A0HY	Unassigned	Unassigned	In Progress
TCGA-BH-A0RX	Unassigned	Unassigned	In Progress
TCGA-BH-A0W3	Unassigned	Unassigned	In Progress
TCGA-BH-A0W5	Unassigned	Unassigned	In Progress
TCGA-BH-A18F	Unassigned	Unassigned	In Progress
TCGA-BH-A18H	Unassigned	Unassigned	In Progress
TCGA-BH-A18I	Unassigned	Unassigned	In Progress
TCGA-BH-A201	Unassigned	Unassigned	In Progress
TCGA-BH-A202	Unassigned	Unassigned	In Progress
TCGA-BH-A28Q	Unassigned	Unassigned	In Progress

Round 1 - Updated 2/11/13

B at ch	Case	Anatomic Site	emorris	zuley mi	gwhitman	ebon accio	vking	bdog an	mgan ott	esutton
0	TCGA-AO-A03M	Left Upper Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Completed	Completed	Unassigned
0	TCGA-AO-A03V	Left Upper Inner Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A0J8	Right Upper Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Completed	Completed	Unassigned

0	TCGA-AO-A0J9	Right Upper Inner Quadrant, Right Upper Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A0JB	Left Upper Inner Quadrant, Left Upper Outer Quadrant, Left Lower Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Completed	Completed	Unassigned
0	TCGA-AO-A0JF	Left Upper Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A0JI	Left Upper Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A0JM	Right Lower Inner Quadrant, Right Lower Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A129	Left Lower Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Only Right Breast images available
0	TCGA-AO-A12D	Left Upper Outer Quadrant,Left	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A12E	Right Lower Inner Quadrant, Right Lower Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A12F	Right Upper Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
0	TCGA-AO-A12G	Right Upper Outer Quadrant,Right	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Completed
1	TCGA-AR-A1AN	Right Upper Outer Quadrant	Completed	Unassigned	Completed	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A1AQ	Left Upper Inner Quadrant	Completed	Unassigned	Completed	Completed	Unassigned	Unassigned	Unassigned	Unassigned

1	TCGA-AR-A1AX	Left Upper Inner Quadrant, Left Upper Outer Quadrant	Completed	Unassigned	Completed	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24M	Left Upper Outer Quadrant	Post-op	Unassigned	Post-op	Post-op	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24R	Right Upper Inner Quadrant, Right Upper Outer Quadrant	Probable Hematoma No mass found	Unassigned	Probable Hematoma No mass found	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24S	Right Lower Outer Quadrant	Completed	Unassigned	Completed	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24U	Left Upper Outer Quadrant, Left Lower Outer Quadrant	Post-op	Unassigned	Post-op	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24W	Right Lower Inner Quadrant	Post-op	Unassigned	Post-op	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A24X	Right Upper Inner Quadrant	Completed	Unassigned	Completed	Completed	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-AR-A254	Left Upper Inner Quadrant, Left Lower Inner Quadrant	Post-op	Unassigned	Post-op	Post-op	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-E2-A105	Left Upper Inner Quadrant	Unilateral	Unassigned	Unilateral	Unilateral	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-E2-A107	Right Upper Inner Quadrant	Unilateral	Unassigned	Unilateral	Unilateral	Unassigned	Unassigned	Unassigned	Unassigned
1	TCGA-E2-A108	Right Upper Outer Quadrant	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Unassigned	Completed
2	TCGA-E2-A109	Right Upper Outer Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Completed	Unassigned	Unassigned
2	TCGA-E2-A10F	Left Upper Outer Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14N	Right Upper Inner Quadrant	Unassigned	Completed	Unassigned	Unassigned	Unilateral No mass found	Unassigned	Unassigned	Unilateral No mass found

2	TCGA-E2-A14P	Right Upper Outer Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14Q	Left Upper Outer Quadrant	Unassigned	Post-op	Unassigned	Unassigned	Unilateral No mass found	Unassigned	Unassigned	Unilateral No mass found
2	TCGA-E2-A14S	Left Lower Outer Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14T	Left Upper Inner Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14V	Left Lower Inner Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14X	Right Upper Outer Quadrant	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
2	TCGA-E2-A14Y	Right	Unassigned	Completed	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
3	TCGA-E2-A150	Left Upper Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A152	Left Upper Inner Quadrant	Post-op	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A159	Left Lower Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15A	Left	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15E	Left	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15F	Left Upper Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15H	Right Upper Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15I	Left Upper Outer Quadrant, Left Lower Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15J	Left Upper Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned
3	TCGA-E2-A15K	Right Upper Outer Quadrant	Completed	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Completed	Unassigned

4	TCGA-E2-A15L	Right	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A15M	Right Lower Outer Quadrant	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1B1	Left Upper Outer Quadrant	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1B5	Left	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1B6	Left	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1IE	Right	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1IG	Right Upper Inner Quadrant	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1II	Left	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1IJ	Right Upper Outer Quadrant	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
4	TCGA-E2-A1IK	Left	Unassigned	Unassigned	Completed	Completed	Completed	Unassigned	Unassigned	Unassigned
5	TCGA-E2-A1IN	Right	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
5	TCGA-E2-A1IP	Left Upper Outer Quadrant	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
5	TCGA-E2-A1L7	Right Upper Outer Quadrant	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
5	TCGA-E2-A1L9	Right	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed
5	TCGA-E2-A1LG	Left Upper Outer Quadrant	Unassigned	Unassigned	Unassigned	Unassigned	Completed	Unassigned	Unassigned	Completed

ClearCanvas sign-on

Name	User name	Role In Clinical Trial	Number within role in clinical trial
Elizabeth Morris	emorris	Performing	1
Margarita Zuley	mzuley	Performing	2
Gary Whitman	gwhitman	Performing	3
Ermelinda Bonaccio	ebonaccio	Performing	4

Valencia King	vking	Performing	5
Basak Dogan	bdogan	Performing	6
Marie Ganott	mganott	Performing	7
Elizabeth Sutton	esutton	Performing	8
Jose Net	jnet	Performing	9
Elizabeth Burnside	eburnside	Performing	10
Kathy Brandt	kbrandt	Performing	11