

On-line Table 1: Site, scanner, and image information for the TCIA subjects analyzed in the initial cohort

Subject	Site	Scanner	Year	T1wCE		FLAIR	
				Resolution	Section Thickness	Resolution	Section Thickness
				(mm ²)	(mm)	(mm ²)	(mm)
TCGA-02-0033	MD Anderson Cancer Center	Genesis Signa 1.5T ^a	1997	0.78 × 0.78	6.5	0.78 × 0.78	6.5
TCGA-02-0048	MD Anderson Cancer Center	Genesis Signa 1.5T	1999	0.98 × 0.98	1.5	0.78 × 0.78	6.5
TCGA-02-0064	MD Anderson Cancer Center	Signa Excite 3T ^a	1999	0.47 × 0.47	6.5	0.94 × 0.94	2
TCGA-02-0068	MD Anderson Cancer Center	Signa Excite 1.5T	2000	0.86 × 0.86	6.5	0.86 × 0.86	6.5
TCGA-02-0075	MD Anderson Cancer Center	Signa Excite 3T	1999	0.86 × 0.86	1.5	0.86 × 0.86	6.5
TCGA-06-0137	Henry Ford Hospital	NA	2001	0.94 × 0.94	3	0.94 × 0.94	3
TCGA-06-0139	Henry Ford Hospital	NA	2004	0.47 × 0.47	2.5	0.47 × 0.47	2.5
TCGA-06-0143	Henry Ford Hospital	NA	2005	0.47 × 0.47	3	0.47 × 0.47	2.5
TCGA-06-0154	Henry Ford Hospital	NA	1996	0.94 × 0.94	3	0.94 × 0.94	3
TCGA-06-0164	Henry Ford Hospital	NA	1999	0.94 × 0.94	3	0.94 × 0.94	3
TCGA-08-0358	UCSF Med. Ctr.	Genesis Signa 1.5T	2002	1.02 × 1.02	1.5	0.86 × 0.86	0.86
TCGA-14-1794	Emory Univ.	Intera 1.5T ^b	1998	0.45 × 0.45	6	0.45 × 0.45	6
TCGA-15-2714	Mayo Clinic	Signa Excite 1.5T	1996	0.86 × 0.86	4	0.86 × 0.86	4
TCGA-76-5384	Thomas Jefferson Univ.	Magnetom Vision 1.5T ^c	2000	0.86 × 0.86	7.5	0.86 × 0.86	7.5
TCGA-76-6190	Thomas Jefferson Univ.	Magnetom Vision 1.5T	1998	0.47 × 0.47	1.5	0.86 × 0.86	7.5

Note:—UCSF Med. Ctr. indicates University of California, San Francisco Medical Center; Univ., University; NA, not applicable.

^a GE Healthcare, Milwaukee, Wisconsin.

^b Philips Healthcare, Best, the Netherlands.

^c Siemens, Erlangen, Germany.

On-line Table 2: Site, scanner, and image information for the TCIA subjects analyzed in the validation cohort

Subject	Site	Scanner	Year	T1wCE		FLAIR	
				Resolution	Section Thickness	Resolution	Section Thickness
				(mm ²)	(mm)	(mm ²)	(mm)
HFI058	Henry Ford Hospital (REM)	NA	1992	0.94 × 0.94	3.0	0.78 × 0.78	3.0
HFI139	Henry Ford Hospital (REM)	NA	1993	0.94 × 0.94	3.0	0.94 × 0.94	3.0
TCGA-06-0166	Henry Ford Hospital	Genesis Signa 1.5T	2004	0.94 × 0.94	3.0	0.94 × 0.94	3.0
TCGA-06-0187	Henry Ford Hospital	NA	2004	0.94 × 0.94	2.5	0.94 × 0.94	2.5
TCGA-06-0190	Henry Ford Hospital	NA	2004	0.94 × 0.94	2.5	0.94 × 0.94	2.5
TCGA-06-0646	Henry Ford Hospital	NA	2005	0.47 × 0.47	2.5	0.47 × 0.47	2.5
TCGA-06-5413	Henry Ford Hospital	NA	2008	0.47 × 0.47	2.5	0.47 × 0.47	2.5
TCGA-19-2631	Case Western	Avanto 1.5T ^a	2003	1.00 × 1.00	1.0	0.90 × 0.90	5.5
TCGA-76-5385	Thomas Jefferson Univ.	Magnetom Vision 1.5T	2000	0.51 × 0.51	1.5	0.86 × 0.86	7.5
TCGA-76-5386	Thomas Jefferson Univ.	Achieva 1.5T ^b	2000	0.86 × 0.86	7.0	0.86 × 0.86	6.0
TCGA-76-5387	Thomas Jefferson Univ.	Achieva 3T	2001	0.45 × 0.45	5.0	0.69 × 0.69	6.0
TCGA-76-6192	Thomas Jefferson Univ.	Magnetom Vision 1.5T	2001	0.50 × 0.50	1.5	0.86 × 0.86	7.5
TCGA-76-6280	Thomas Jefferson Univ.	Achieva 1.5T	1998	0.94 × 0.94	1.5	0.86 × 0.86	6.0
TCGA-76-6288	Thomas Jefferson Univ.	Achieva 3T	2001	0.75 × 0.75	1.0	0.67 × 0.67	1.0
TCGA-76-6663	Thomas Jefferson Univ.	Achieva 3T	2001	0.75 × 0.75	1.0	0.69 × 0.69	6.0

Note:—HF indicates Henry Ford Hospital patients within the Repository for Molecular Brain Neoplasia Data (REMBRANDT) <https://caintegrator.nci.nih.gov/rembrandt/>; REM, REMBRANDT cohort subject; NA, not applicable.

^a Siemens, Erlangen, Germany.

^b Philips Healthcare, Best, the Netherlands.