

Figure S1

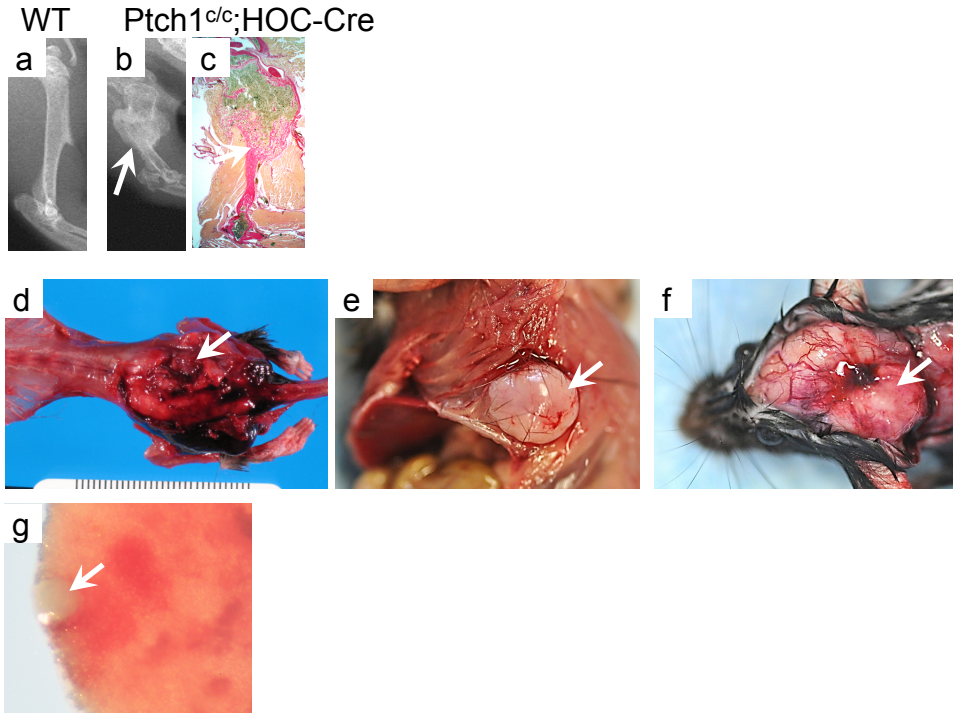


Figure S2

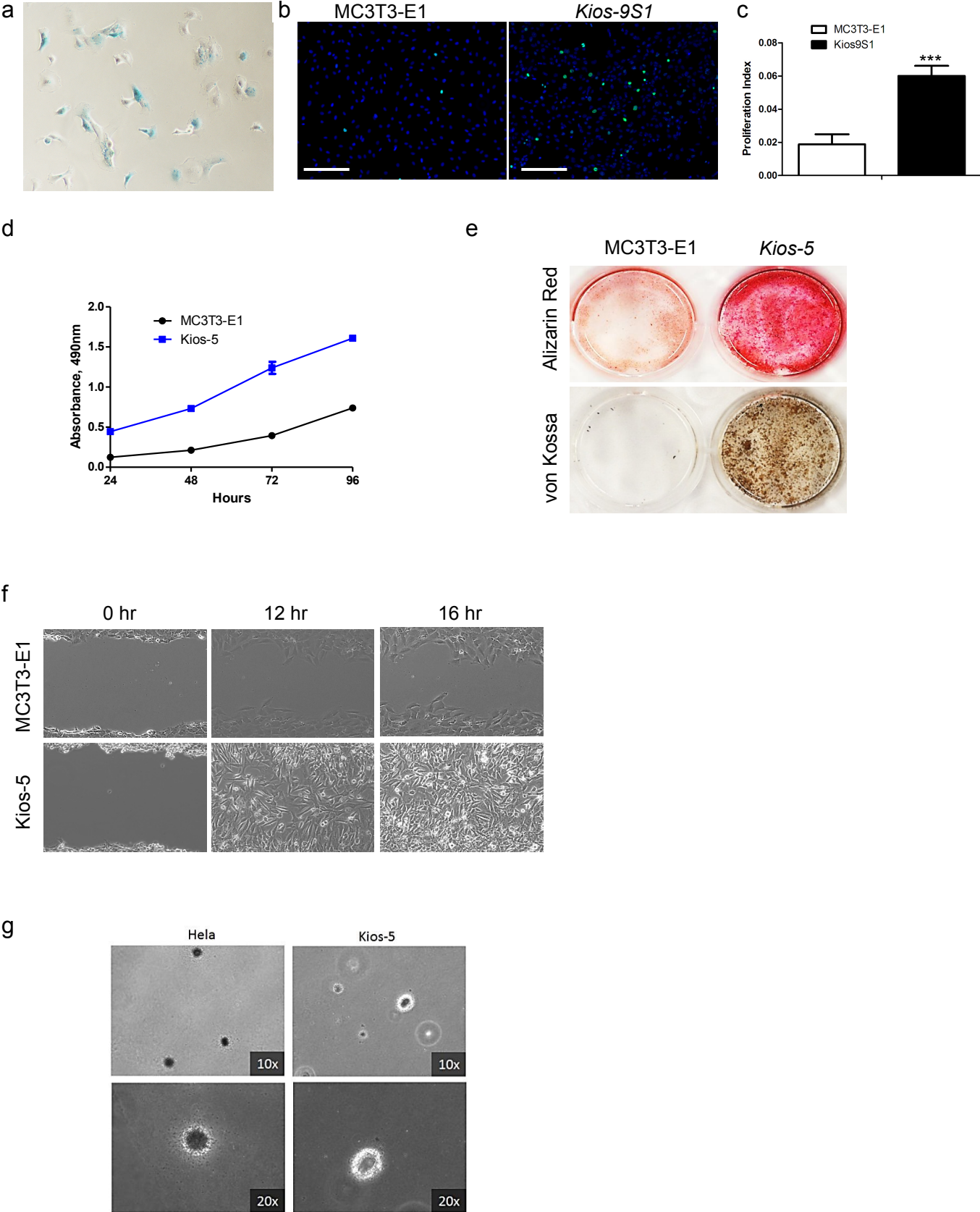


Figure S3

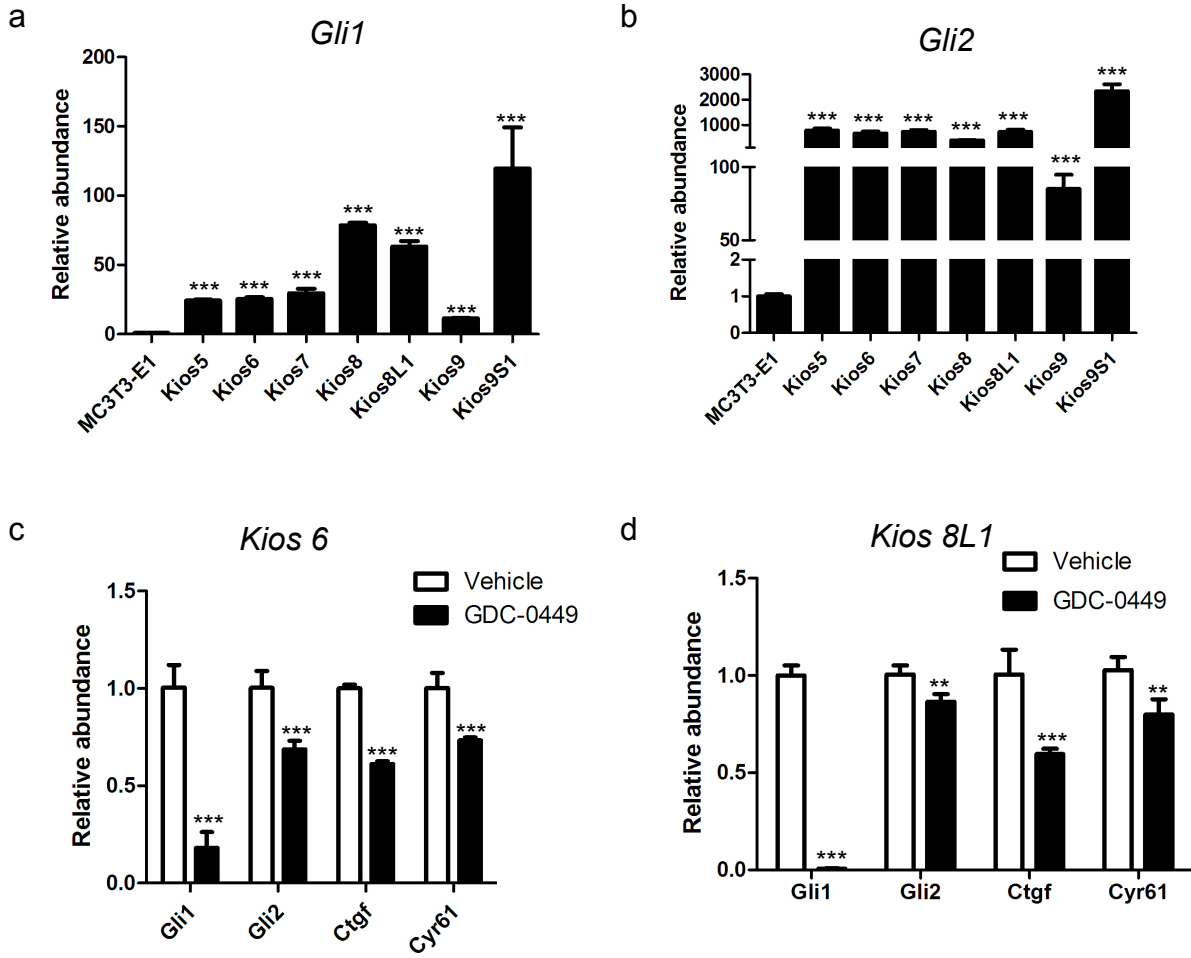


Figure S4

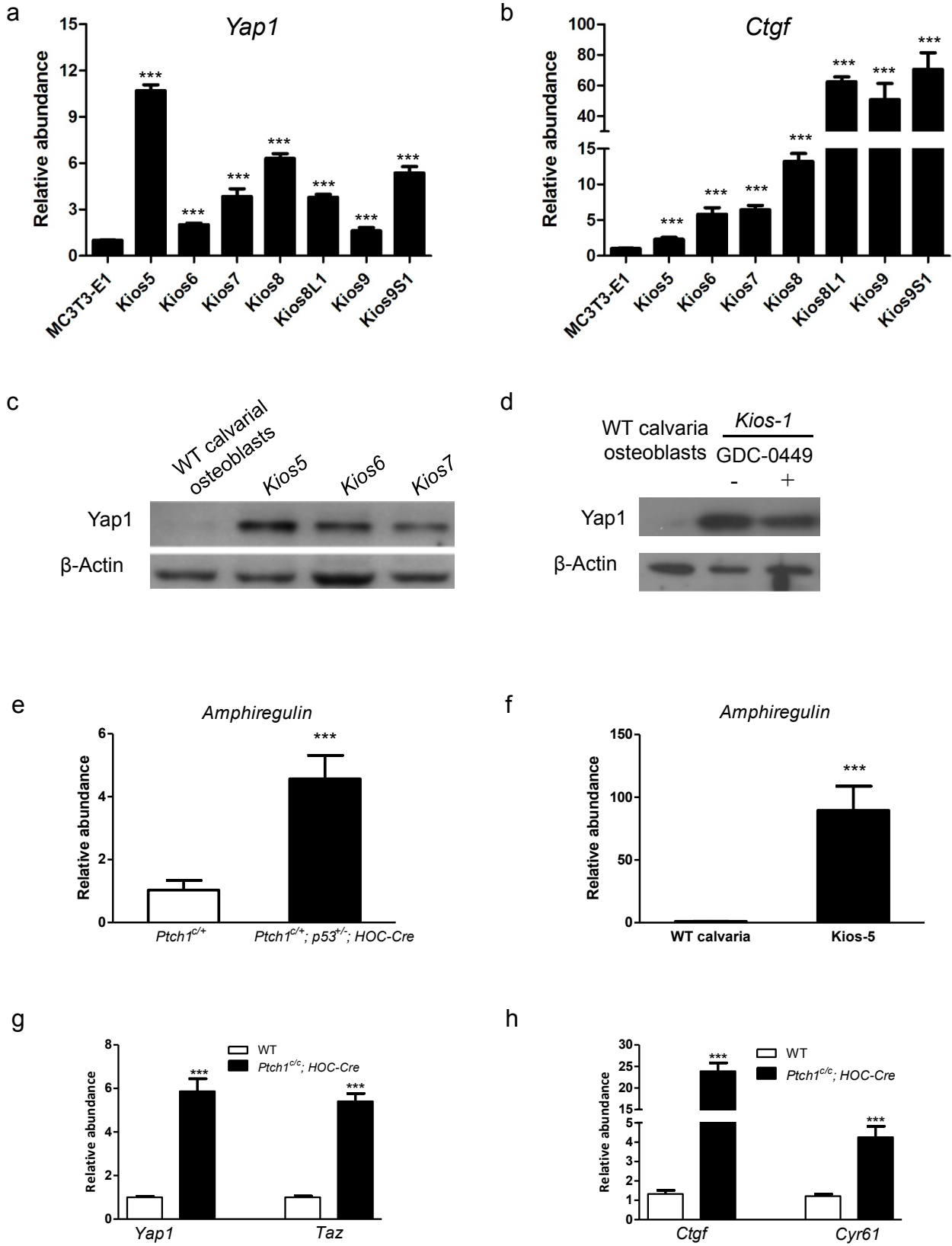
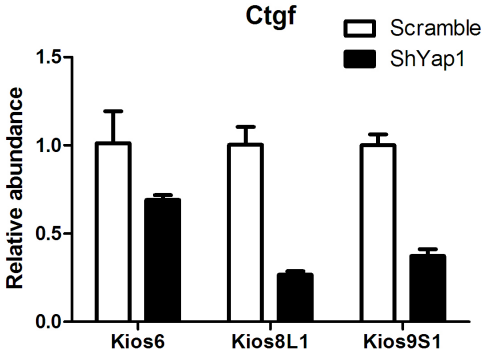


Figure S5

a



b

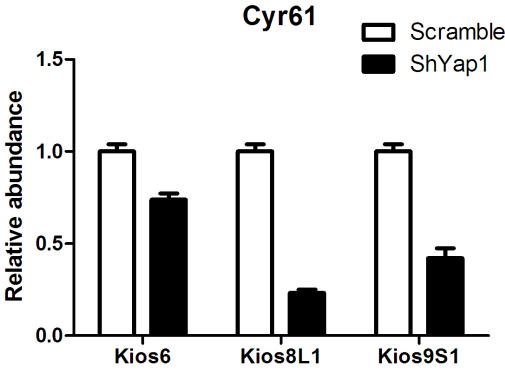
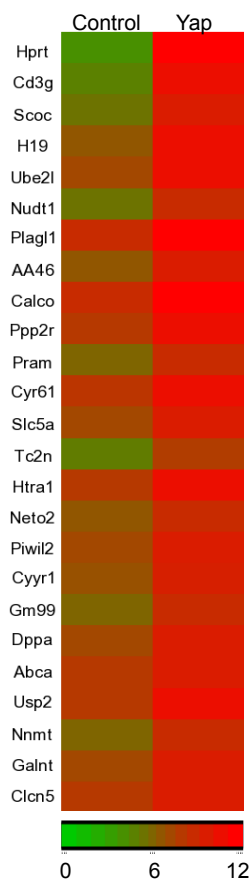


Figure S6



Gene Symbol	Increased Fold Difference
Hprt	240.882
Cd3g	40.333
Scoc	20.7175
H19	18.2317
Ube2l6	8.84044
Nudt10	8.47069
Plagl1	7.95893
AA467197	7.29153
Calcoco2	6.82036
Ppp2r2c	5.91356
Prame17	5.83715
Cyr61	5.46641
Slc5a1	5.43458
Tc2n	5.35783
Htra1	5.29825
Neto2	4.92484
Piwil2	4.91624
Cyrr1	4.81918
Gm9992	4.76269
Dppa3	4.65875

Table S1

YAP expression	Case no. (%) [*]	Male		Female		Male:Female	Age	
		Male	% [^]	Female	% [^]		Mean ± SD	Median
High	15 (28)	10	25.6	5	33.3	1 : 1.27	22 ± 12	19
Moderate	27 (50)	19	48.7	8	53.3	1 : 1.08	21 ± 11	19
Negative	12 (22)	10	25.6	2	13.3	1 : 0.5	23 ± 14	18.5

^{*} Percentage of total case, excluding the non-cancer granulation tissue and 5 damaged tissues.

[^] Percentage of case in each gender.

Table S2

No.	Age	Sex	Organ	Diagnosis	YAP expression	Survival
36	5	M	Bone, femur	osteosarcoma	+++	dead
33	9	M	Bone, femur	osteosarcoma	+++	
34	12	F	Bone, tibia	osteosarcoma, chondroblastic type	+++	dead
29	14	M	Bone, femur	osteosarcoma	+++	
32	14	M	Bone, femur	osteosarcoma, osteoblastic type	+++	
18	16	M	Leg	osteosarcoma, chondroblastic type	+++	dead
19	18	M	Bone, femur	osteosarcoma, telangiectatic type	+++	dead
17	19	M	Bone, femur	osteosarcoma, osteoblastic type	+++	
26	19	M	Bone, femur	osteosarcoma	+++	no record
47	22	M	Bone, tibia and fibula	osteosarcoma, osteoblastic type	+++	dead
43	24	F	Bone, tibia and fibula	osteosarcoma, osteoblastic type	+++	
58	31	F	Bone, tibia	osteosarcoma, osteoblastic type	+++	
6	37	M	Bone, pelvis	osteosarcoma	+++	dead
14	44	F	Hip	osteosarcoma	+++	dead
16	44	F	Bone, femur	osteosarcoma	+++	dead
35	9	F	Bone, tibia	osteosarcoma, chondroblastic type	++	dead
20	10	M	Bone, femur	osteosarcoma, osteoblastic type	++	
21	10	M	Bone, femur	osteosarcoma, osteoblastic type	++	
22	10	M	Bone, femur	osteosarcoma, osteoblastic type	++	
27	10	M	Bone, femur	osteosarcoma, osteoblastic type	++	
23	11	F	Bone, femur	osteosarcoma, osteoblastic type	++	dead
24	11	M	Bone, femur	osteosarcoma, osteoblastic type	++	dead
37	11	M	Bone, fibula	osteosarcoma, chondroblastic type	++	dead
38	11	M	Bone, fibula	osteosarcoma, chondroblastic type	++	
53	16	F	Bone, femur	osteosarcoma	++	
10	18	M	Bone, femur	osteosarcoma, chondroblastic type	++	
30	18	M	Bone, mandible	osteosarcoma	++	
46	18	M	Bone, femur	osteosarcoma, osteoblastic type	++	dead
15	19	M	Bone, femur	osteosarcoma, osteoblastic type	++	dead
25	19	M	Bone, femur	osteosarcoma	++	no record
48	20	F	Bone, tibia	osteosarcoma, osteoblastic type	++	dead
54	20	F	Bone, femur	osteosarcoma, osteoblastic type	++	dead
12	20	M	Knee	osteosarcoma, osteoblastic type	++	
45	22	M	Bone, humerus	osteosarcoma, osteoblastic type	++	dead
49	22	M	Bone, humerus	osteosarcoma, osteoblastic type	++	dead
1	24	M	Bone, femur	osteosarcoma, osteoblastic type	++	
50	24	M	Soft tissue, popliteal fossa	synovial sarcoma	++	dead
55	27	M	Bone, femur	osteosarcoma, osteoblastic type	++	dead
57	29	M	Soft tissue	granulation tissue	++	
42	34	F	Lung	metastatic osteosarcoma, chondroblastic type	++	
13	35	F	Bone, humerus	osteosarcoma	++	
59	39	M	Bone, femur	osteosarcoma, osteoblastic type	++	dead
60	61	F	Bone, ilium	radiation-induced sarcoma	++	dead
28	10	M	Bone, femur	osteosarcoma, osteoblastic type	-	
39	11	M	Bone, tibia	osteosarcoma	-	dead
3	16	M	Bone, femur	osteosarcoma	-	dead
2	17	F	Bone, femur	osteosarcoma	-	
52	17	F	Bone, tibia	osteosarcoma, fibroblastic type	-	
7	17	M	Bone, pelvis	osteosarcoma, chondroblastic type	-	dead
8	20	M	Bone, femur	osteosarcoma, chondroblastic type	-	dead
9	20	M	Bone, ilium	osteosarcoma, chondroblastic type	-	dead
4	23	M	Bone	osteosarcoma	-	
51	23	M	Bone, humerus	osteosarcoma	-	dead
41	38	M	Mediastinum	extraskeletal osteosarcoma	-	
56	59	M	Mandible	extraskeletal osteosarcoma	-	dead
40	11	M	Bone, tibia	osteosarcoma	not determined	dead
31	13	M	Bone, femur	osteosarcoma	not determined	
5	14	F	Bone, femur	osteosarcoma	not determined	
11	17	M	Bone, tibia	osteosarcoma, osteoblastic type	not determined	
44	26	M	Bone, calcaneus	osteosarcoma, osteoblastic type	not determined	