

Figure 1

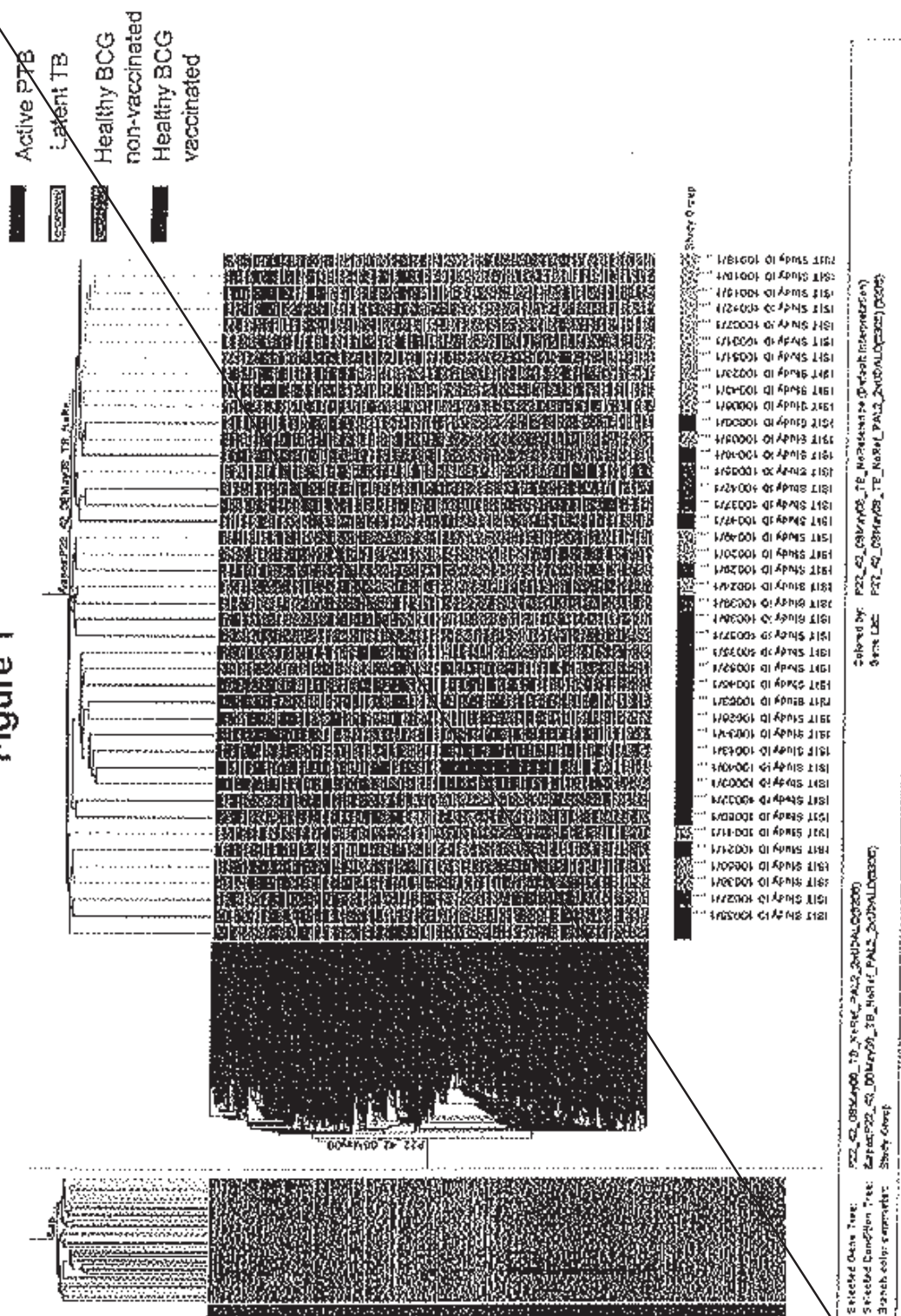


Figure 2

Active PTB
Latent TB
Healthy Controls

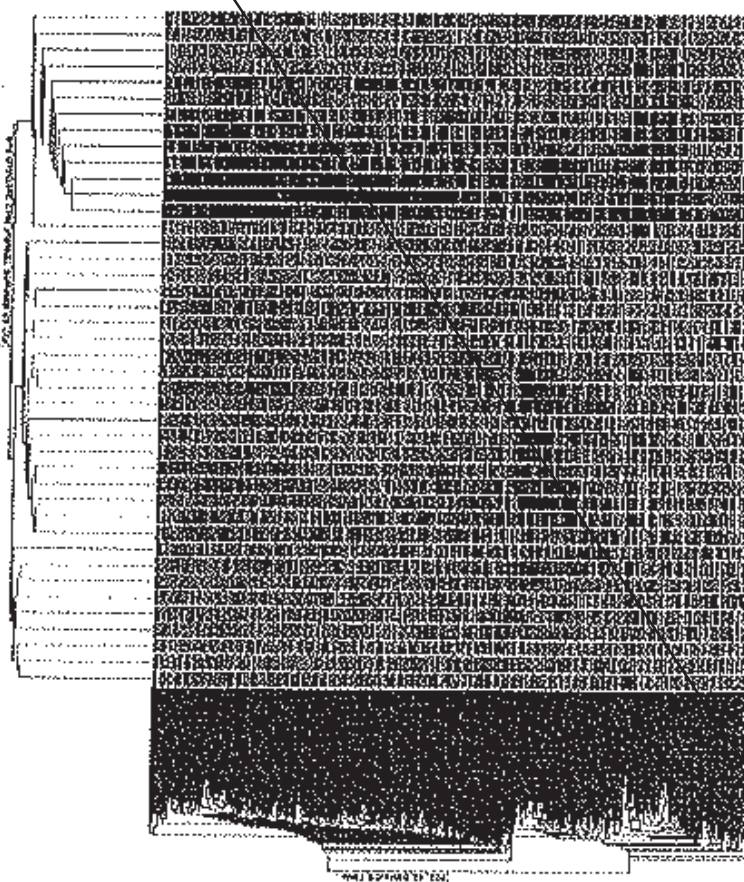
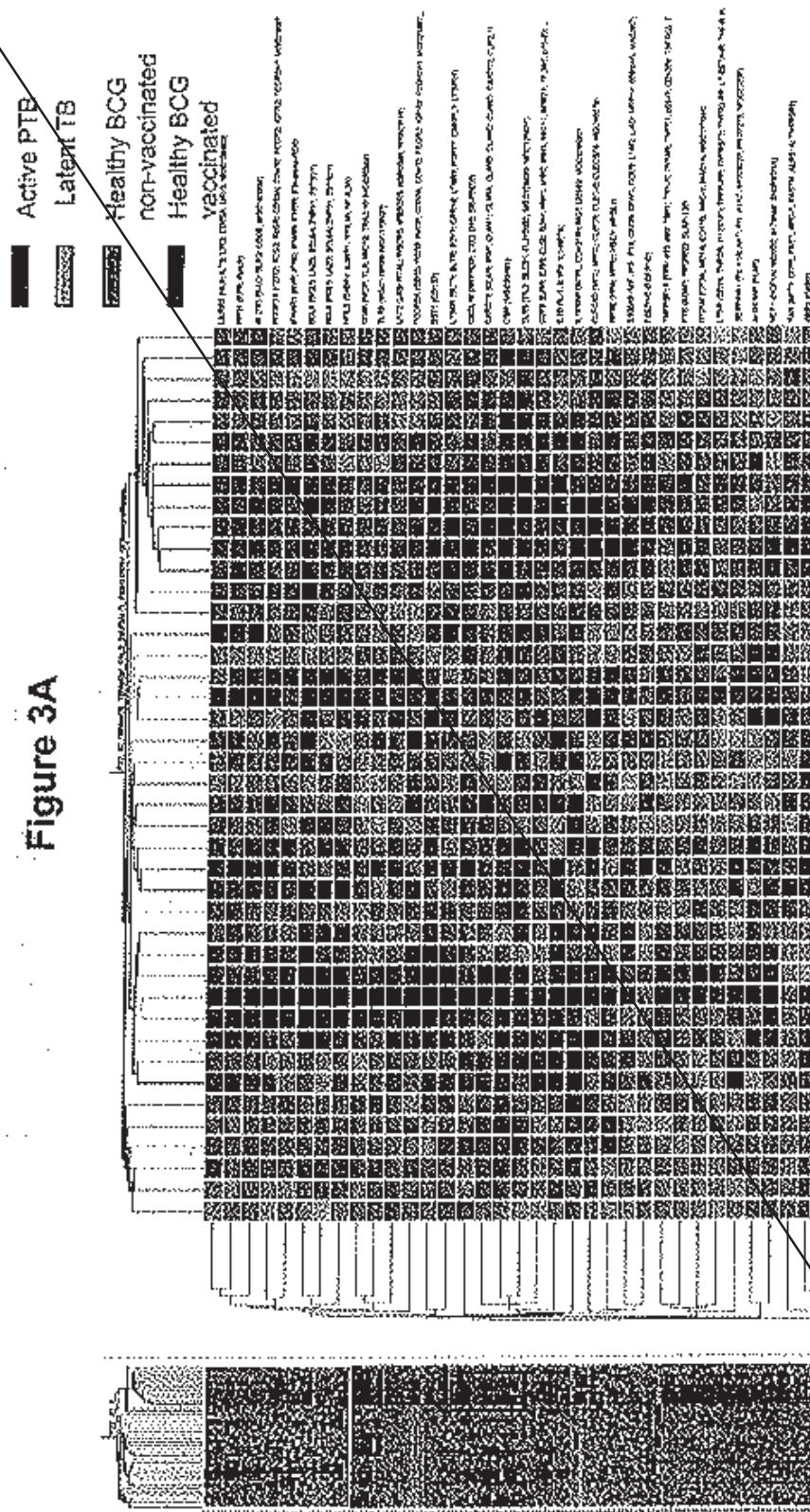


Table with 2 columns: ID, Name, and Address. The table contains a list of individuals and their corresponding information.

ID	Name	Address
101	John Doe	123 Main St, New York, NY 10001
102	Jane Smith	456 Elm St, New York, NY 10002
103	Robert Johnson	789 Oak St, New York, NY 10003
104	Mary Williams	101 Pine St, New York, NY 10004
105	David Brown	202 Cedar St, New York, NY 10005
106	Sarah Davis	303 Birch St, New York, NY 10006
107	Michael Miller	404 Spruce St, New York, NY 10007
108	Laura Wilson	505 Willow St, New York, NY 10008
109	Christopher Moore	606 Ash St, New York, NY 10009
110	Amanda Taylor	707 Hickory St, New York, NY 10010
111	James Anderson	808 Maple St, New York, NY 10011
112	Emily White	909 Poplar St, New York, NY 10012
113	Matthew Hall	1010 Walnut St, New York, NY 10013
114	Olivia King	1011 Chestnut St, New York, NY 10014
115	Benjamin Scott	1012 Sycamore St, New York, NY 10015
116	Grace Green	1013 Dogwood St, New York, NY 10016
117	Isaac Adams	1014 Redwood St, New York, NY 10017
118	Chloe Baker	1015 Cypress St, New York, NY 10018
119	Samuel Nelson	1016 Juniper St, New York, NY 10019
120	Madeline Hill	1017 Magnolia St, New York, NY 10020
121	Joseph Ward	1018 Palm St, New York, NY 10021
122	Abigail Lopez	1019 Cedar St, New York, NY 10022
123	Thomas Young	1020 Birch St, New York, NY 10023
124	Elizabeth King	1021 Spruce St, New York, NY 10024
125	Robert Lee	1022 Willow St, New York, NY 10025
126	Sophia Hall	1023 Ash St, New York, NY 10026
127	William Allen	1024 Hickory St, New York, NY 10027
128	Olivia King	1025 Maple St, New York, NY 10028
129	Benjamin Scott	1026 Poplar St, New York, NY 10029
130	Grace Green	1027 Dogwood St, New York, NY 10030
131	Isaac Adams	1028 Redwood St, New York, NY 10031
132	Chloe Baker	1029 Cypress St, New York, NY 10032
133	Samuel Nelson	1030 Juniper St, New York, NY 10033
134	Madeline Hill	1031 Magnolia St, New York, NY 10034
135	Joseph Ward	1032 Palm St, New York, NY 10035
136	Abigail Lopez	1033 Cedar St, New York, NY 10036
137	Thomas Young	1034 Birch St, New York, NY 10037
138	Elizabeth King	1035 Spruce St, New York, NY 10038
139	Robert Lee	1036 Willow St, New York, NY 10039
140	Sophia Hall	1037 Ash St, New York, NY 10040
141	William Allen	1038 Hickory St, New York, NY 10041
142	Olivia King	1039 Maple St, New York, NY 10042
143	Benjamin Scott	1040 Poplar St, New York, NY 10043
144	Grace Green	1041 Dogwood St, New York, NY 10044
145	Isaac Adams	1042 Redwood St, New York, NY 10045
146	Chloe Baker	1043 Cypress St, New York, NY 10046
147	Samuel Nelson	1044 Juniper St, New York, NY 10047
148	Madeline Hill	1045 Magnolia St, New York, NY 10048
149	Joseph Ward	1046 Palm St, New York, NY 10049
150	Abigail Lopez	1047 Cedar St, New York, NY 10050

Figure 3A



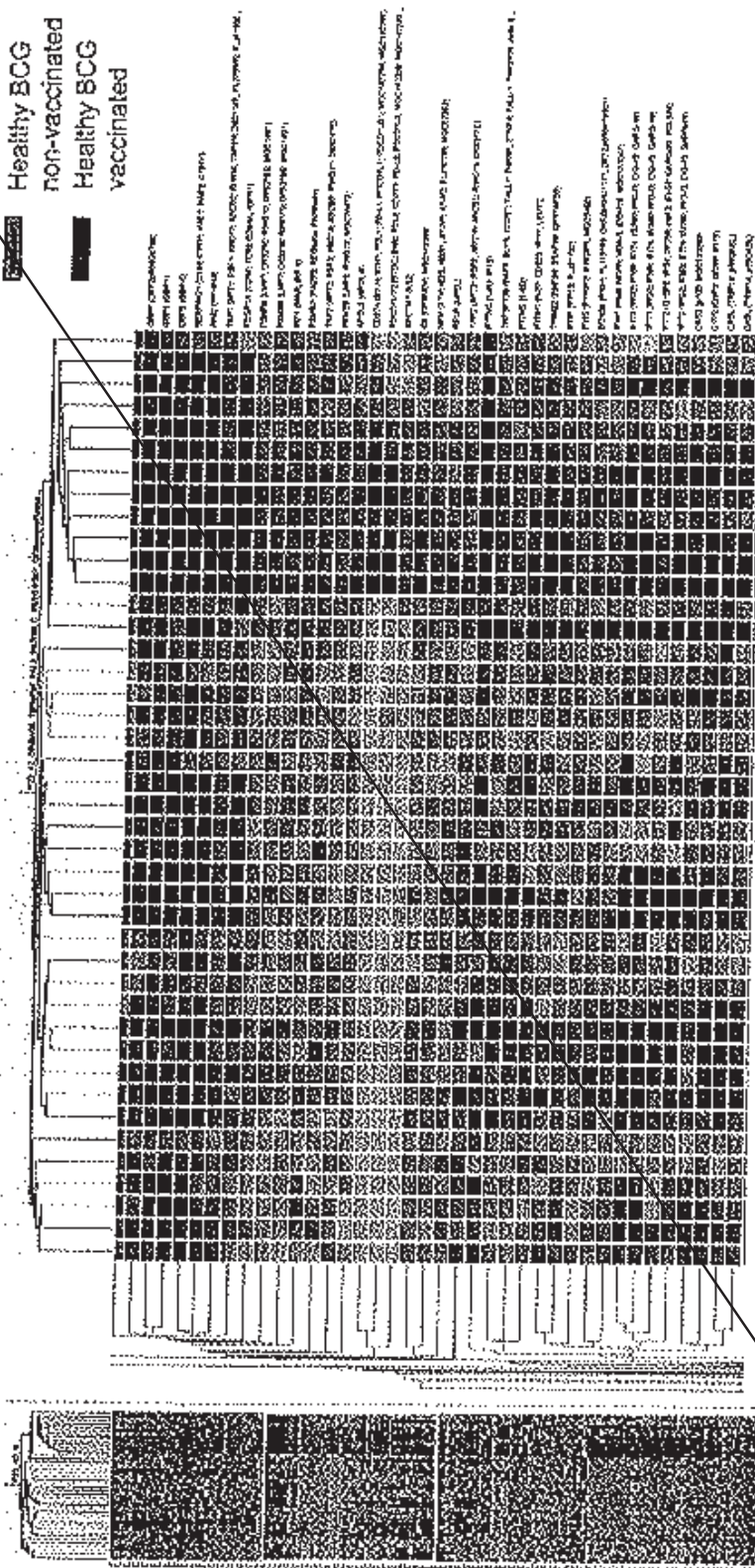
Legend:

- Active PTB
- Latent TB
- Healthy BCG non-vaccinated
- Healthy BCG vaccinated

Figure 3A: A spatial distribution map showing the prevalence of tuberculosis (TB) and BCG vaccination status across a grid of 100x100 units. The map is divided into four quadrants by a vertical line at X=50 and a horizontal line at Y=50. The top-left quadrant (X=1-50, Y=51-100) is mostly black, indicating a high prevalence of Active PTB. The top-right quadrant (X=51-100, Y=51-100) is mostly dark grey, indicating a high prevalence of Latent TB. The bottom-left quadrant (X=1-50, Y=1-50) is mostly light grey, indicating a high prevalence of Healthy BCG non-vaccinated. The bottom-right quadrant (X=51-100, Y=1-50) is mostly white, indicating a high prevalence of Healthy BCG vaccinated.

Figure 3B

Active PTB
Latent TB
Healthy BCG
non-vaccinated
Healthy BCG
vaccinated



PTB: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Figure 3C

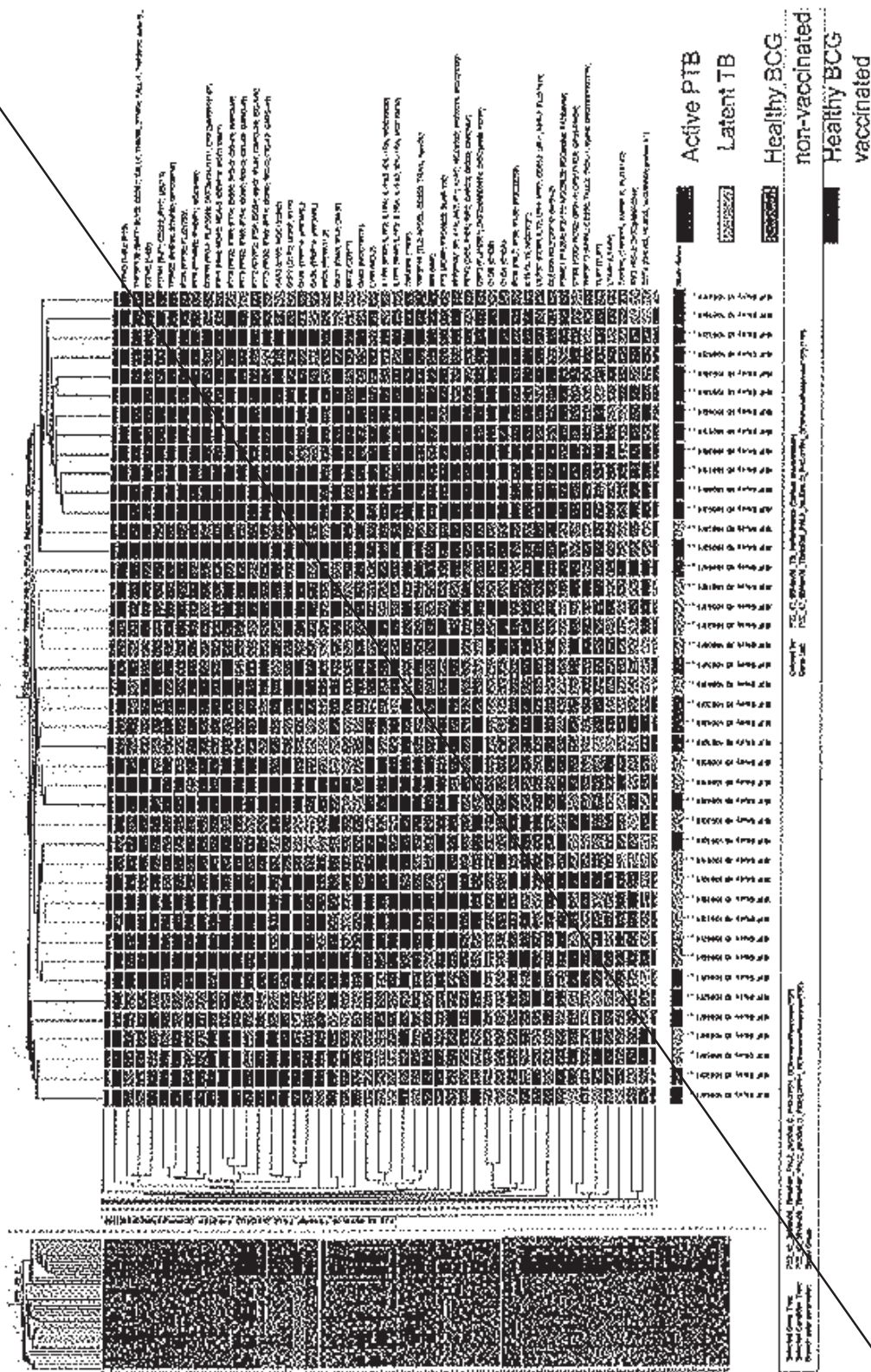


Figure 3D

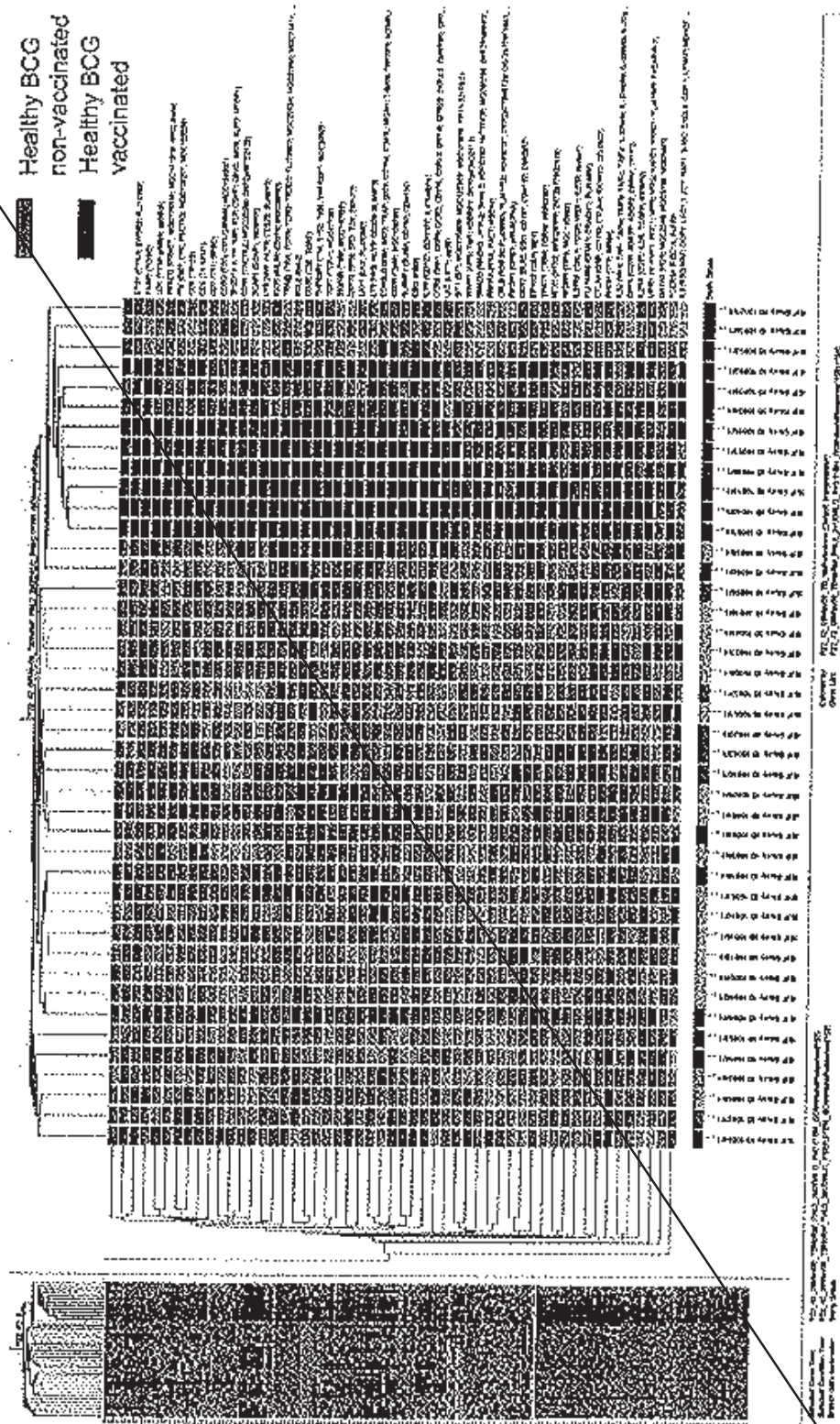


Figure 4

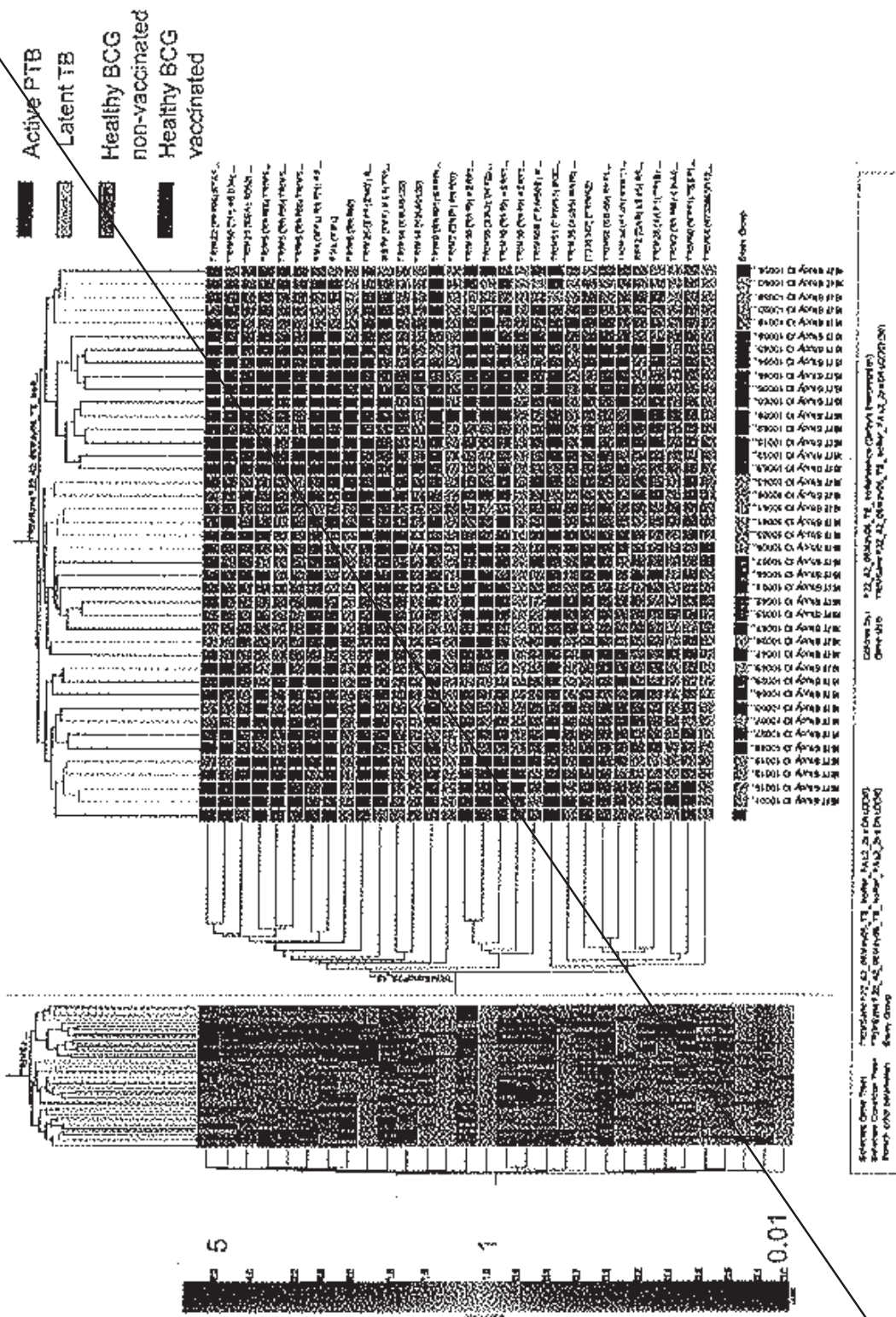


Figure 5A

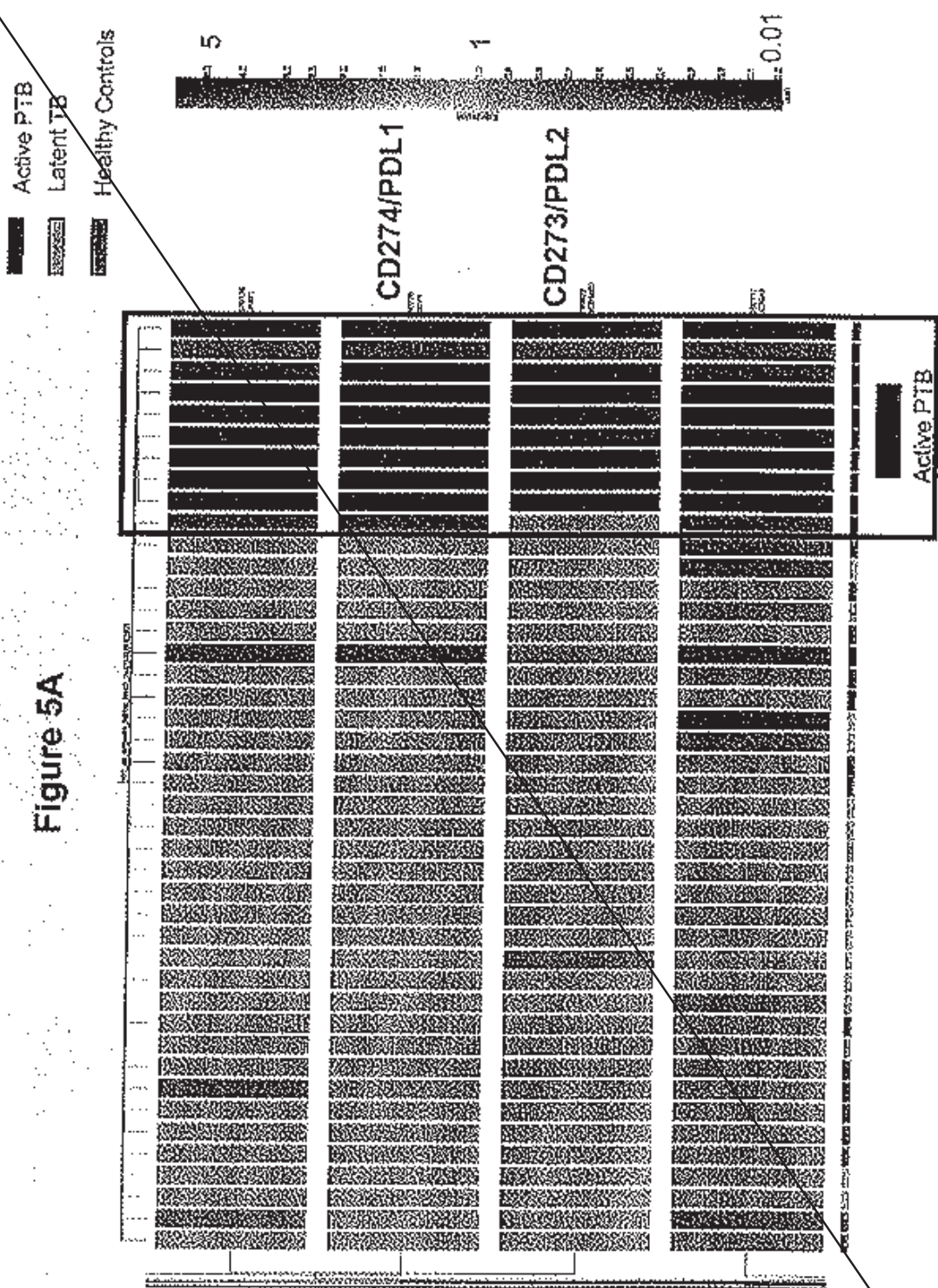
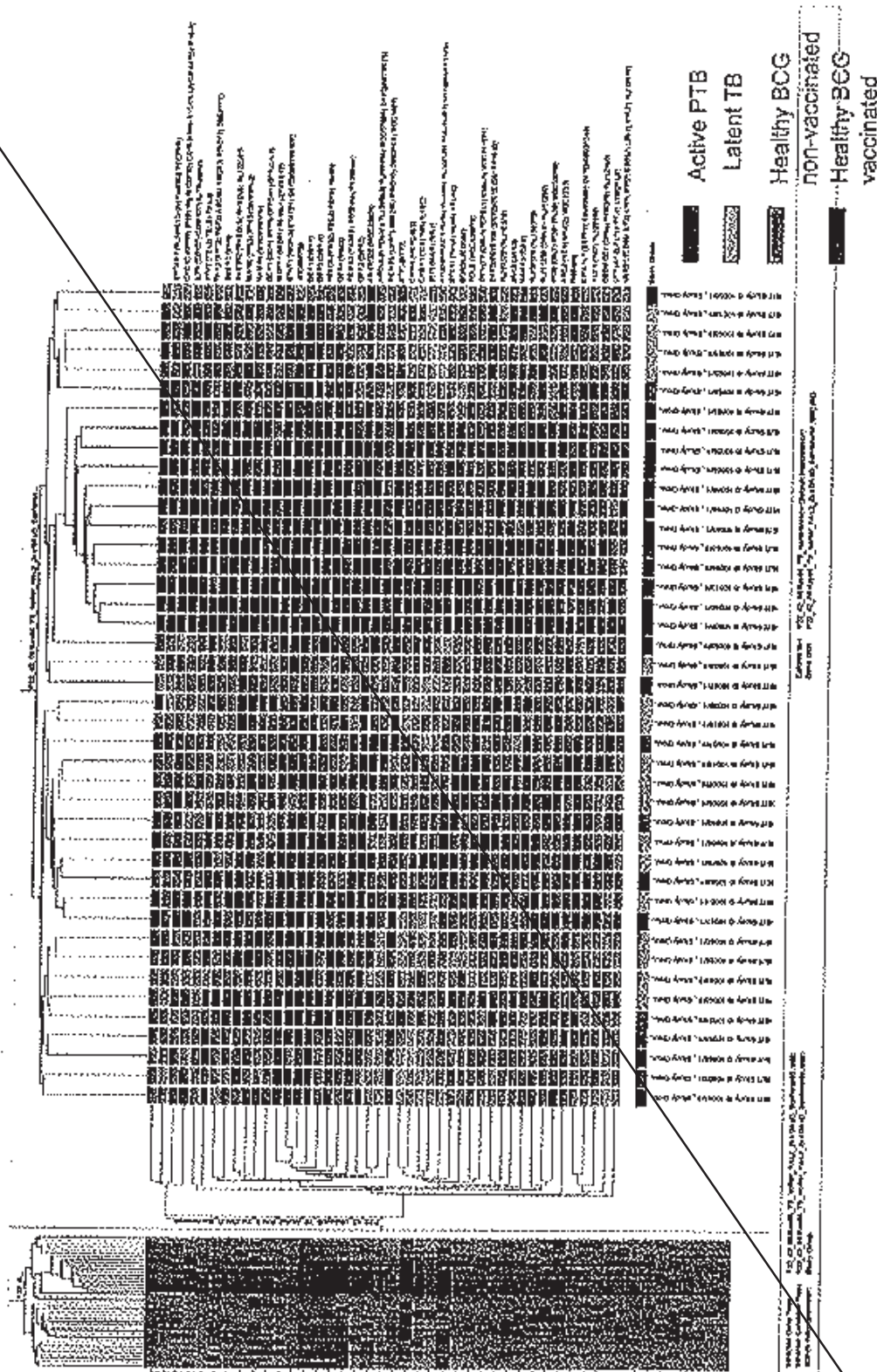


Figure 5B

100



Figure 6



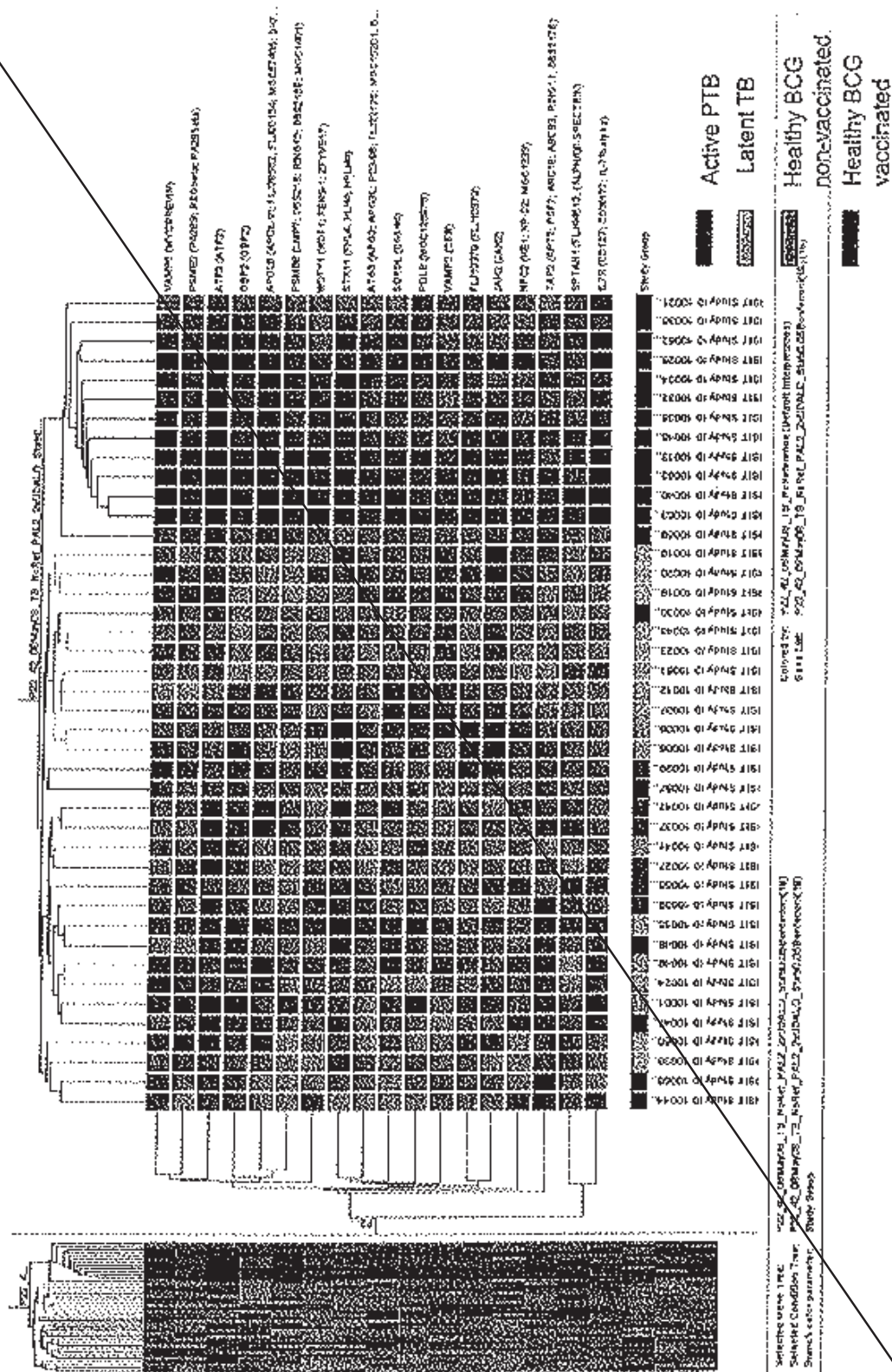


Figure 8A

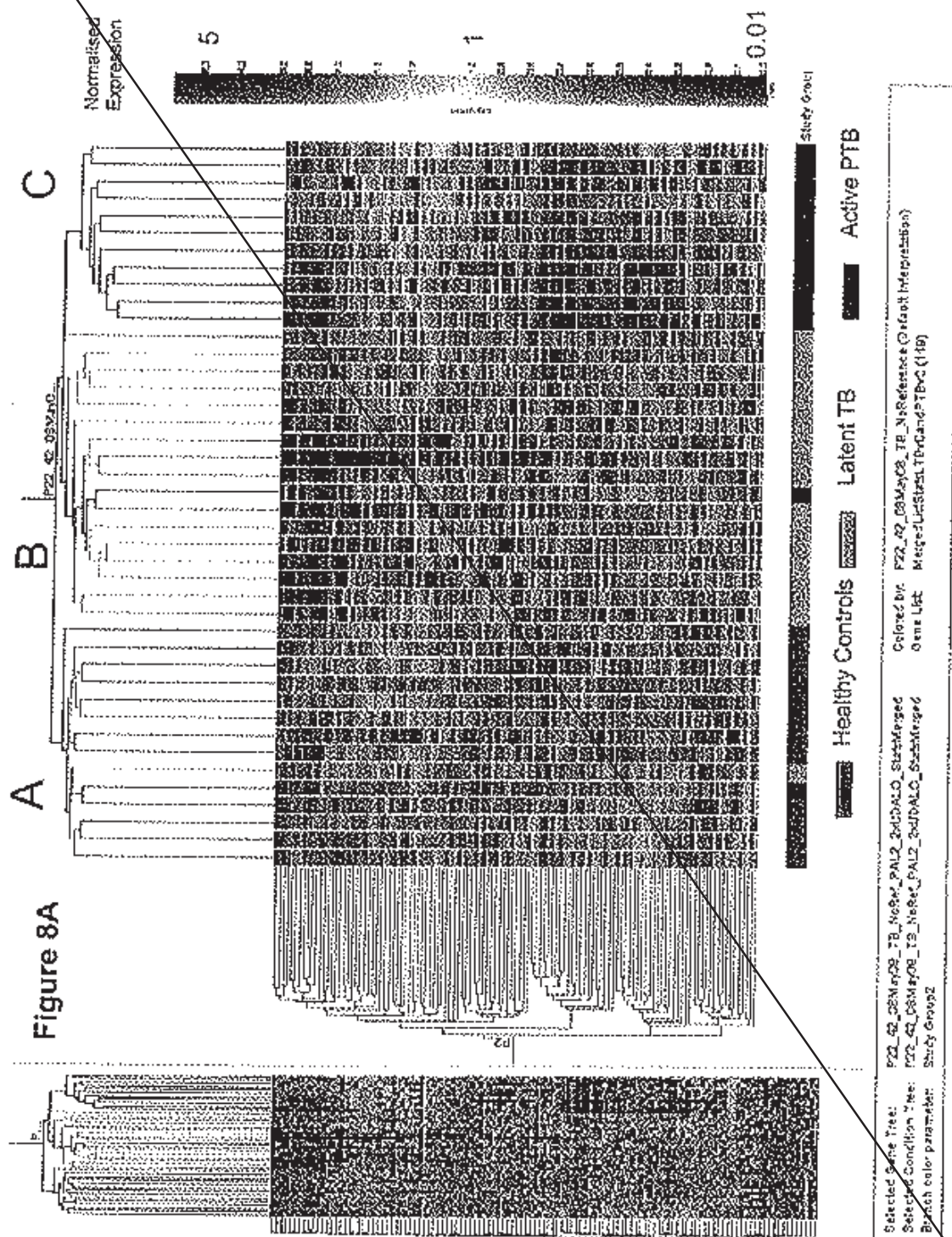
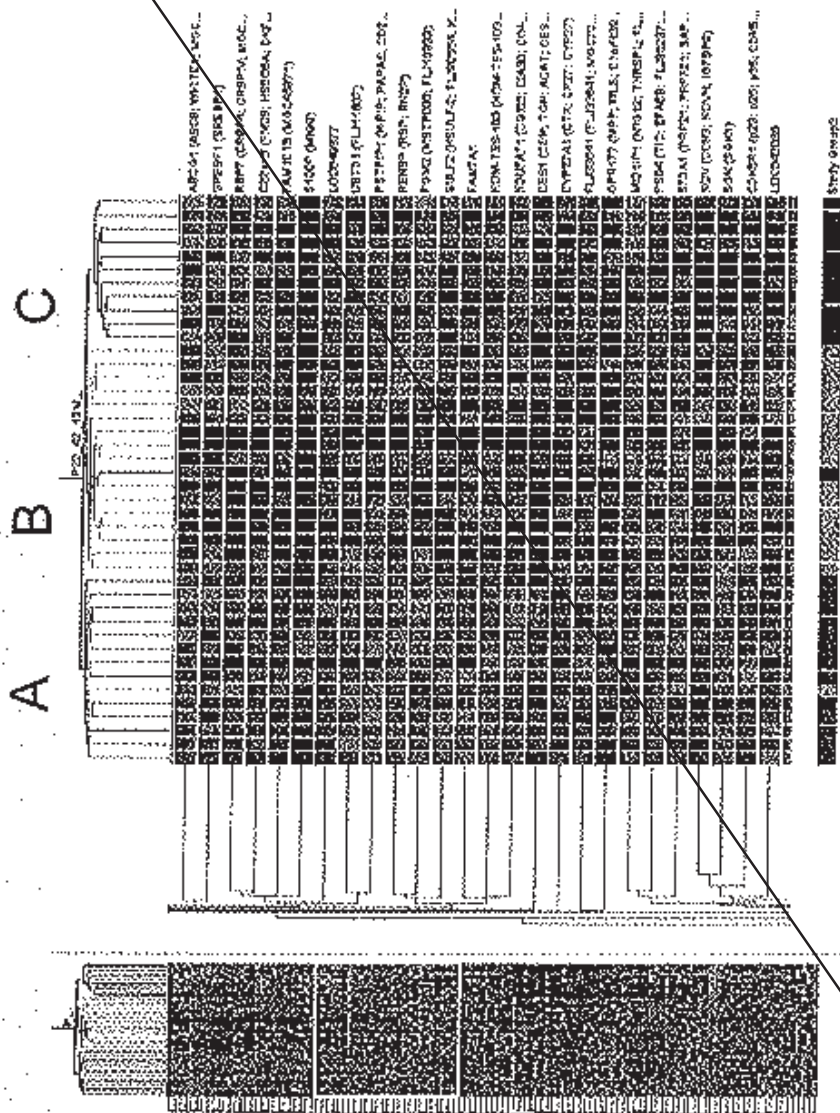
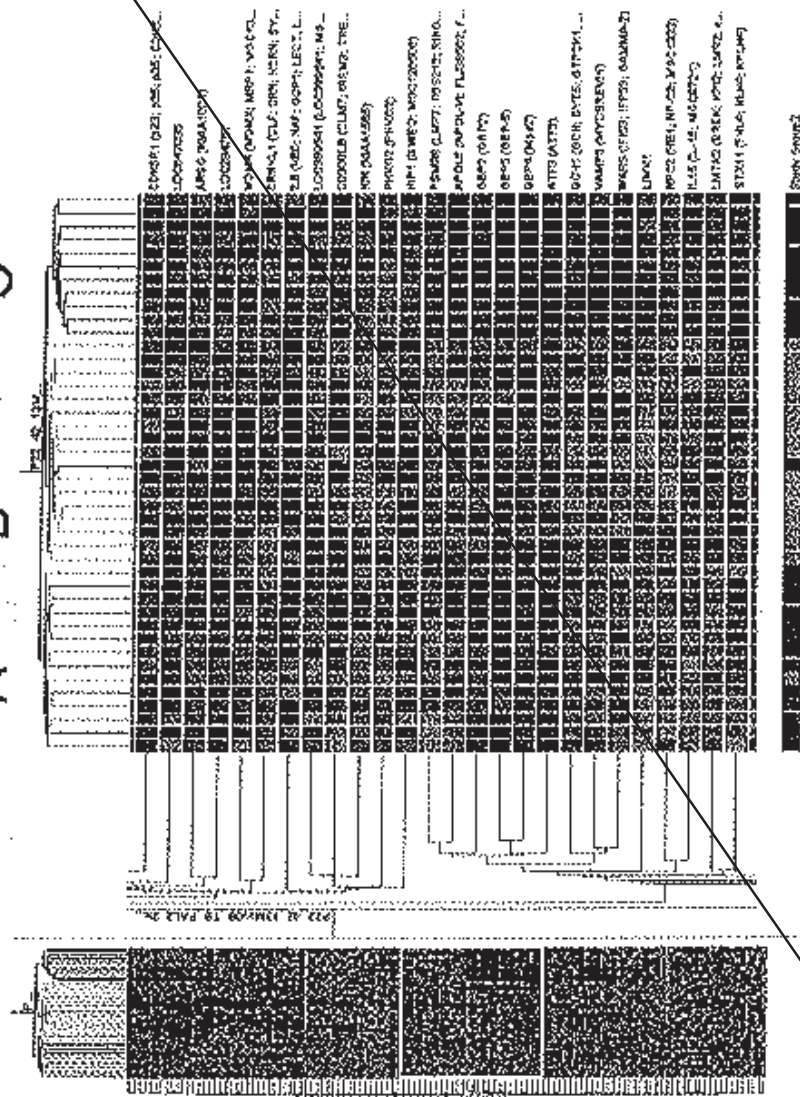


Figure 8C





1. Name of the person 2. Address 3. City 4. State 5. Zip 6. Telephone 7. E-mail 8. Fax 9. Other	1. Name of the person 2. Address 3. City 4. State 5. Zip 6. Telephone 7. E-mail 8. Fax 9. Other
---	---

Figure 9

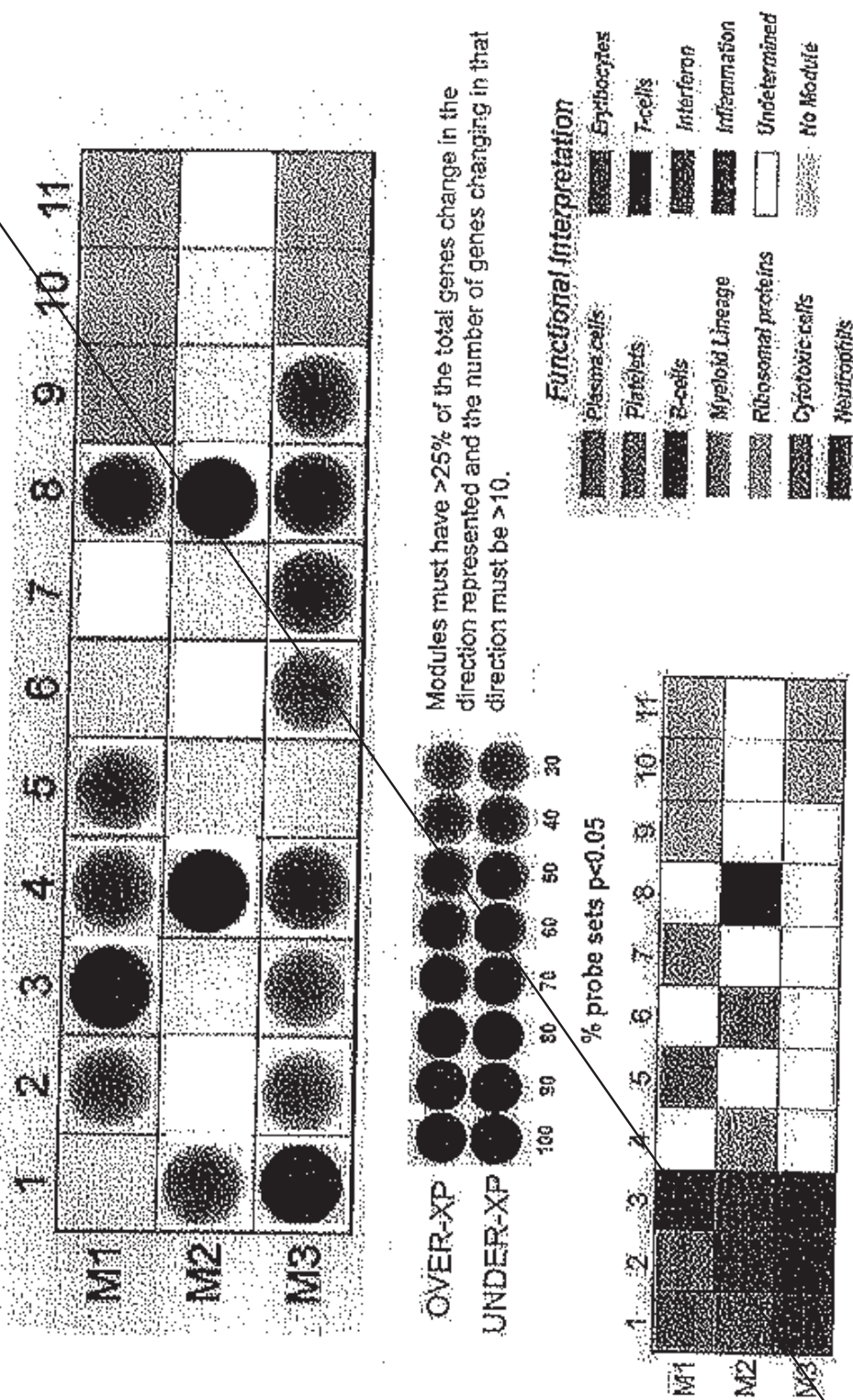
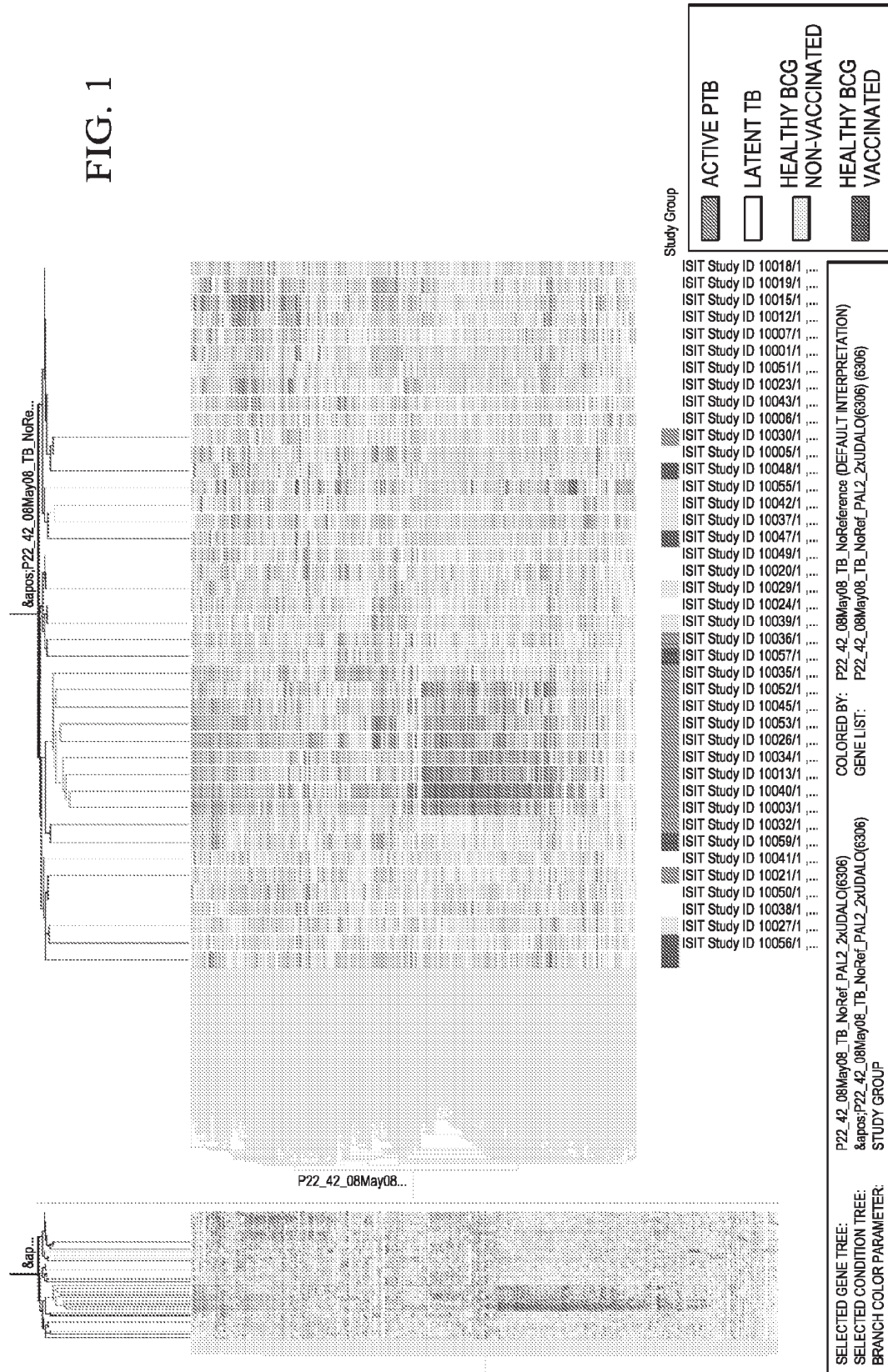
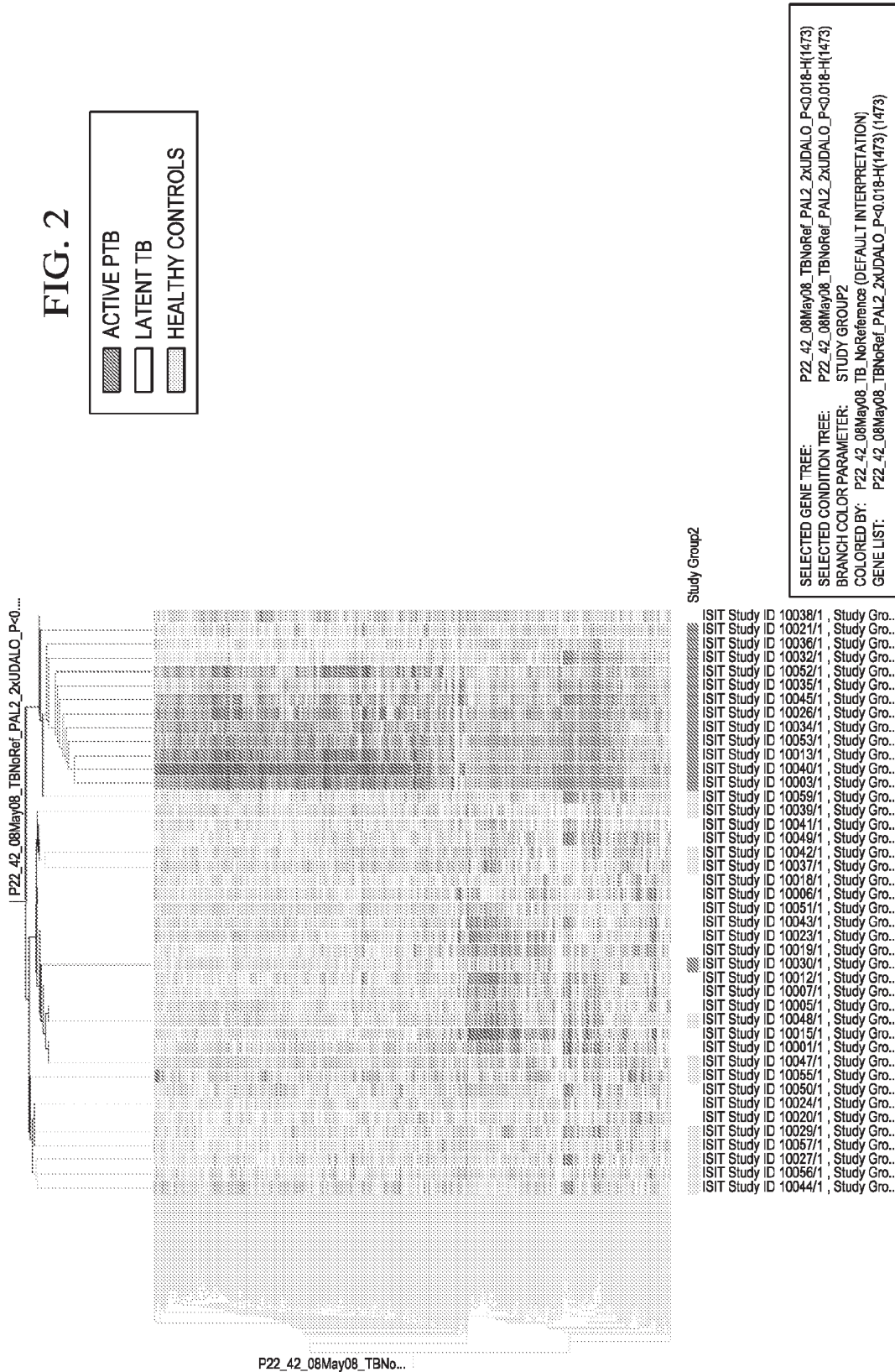


FIG. 1

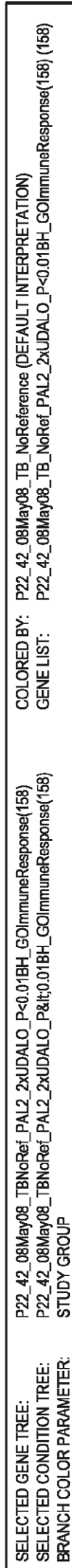


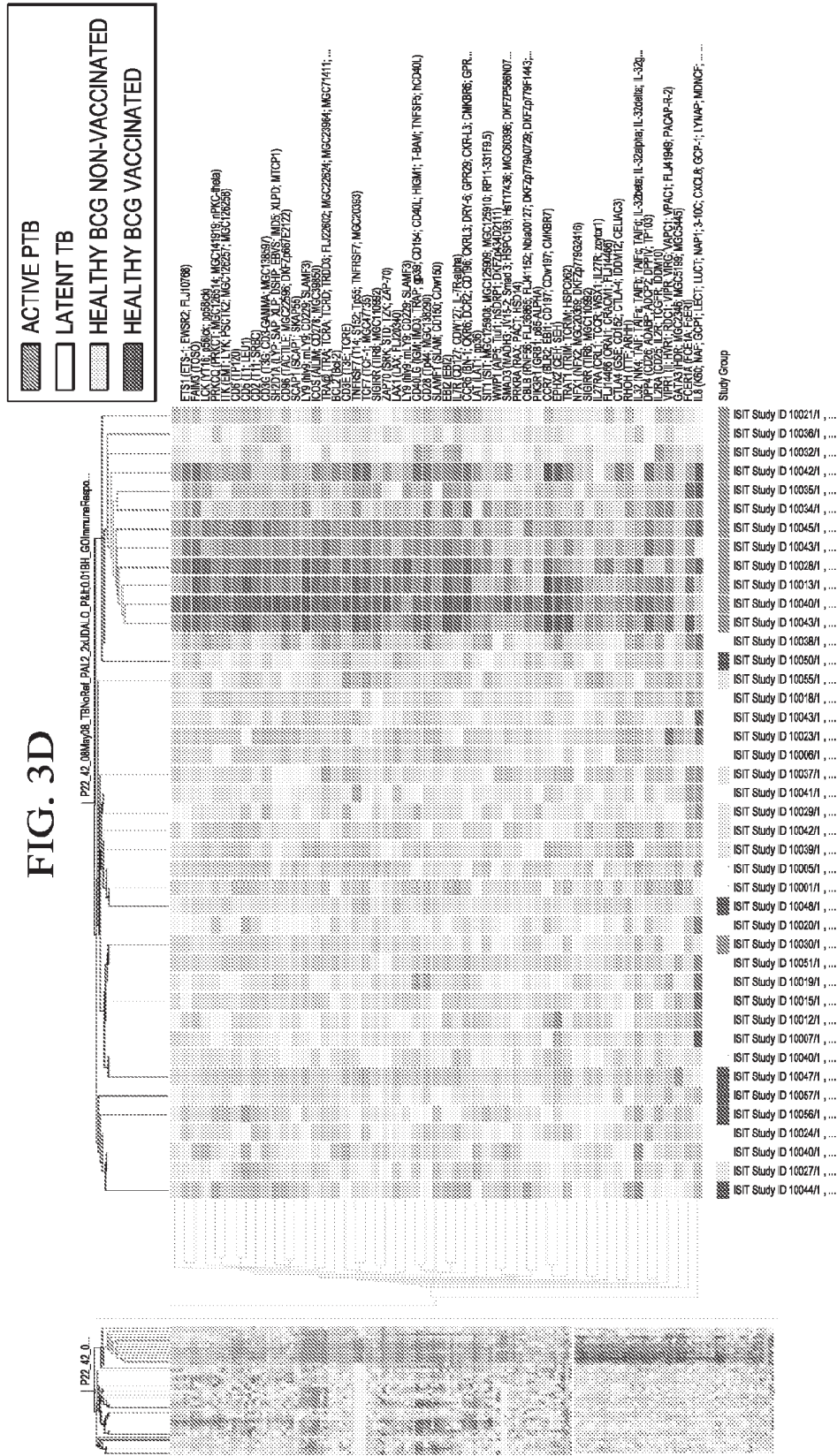




[illegible]

SELECTED GENE TREE:	P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmunResponse(158)	COLORED BY:	P22_42_08May08_TB_NoReference (DEFAULT INTERPRETATION)
SELECTED CONDITION TREE:	P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmunResponse(158)	GENE LIST:	P22_42_08May08_TB_NoRef_PAL2_2xUDALO_P<0.01BH_GOImmunResponse(158) (158)
BRANCH COLOR PARAMETER:	STUDY GROUP		
 ACTIVE PTB	 LATENT TB	 HEALTHY BCG NON-VACCINATED	 HEALTHY BCG VACCINATED





P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmuneResponse(158)
 P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmuneResponse(158)
 P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmuneResponse(158)
 P22_42_08May08_TBNoRef_PAL2_2xUDALO_P<0.01BH_GOImmuneResponse(158)

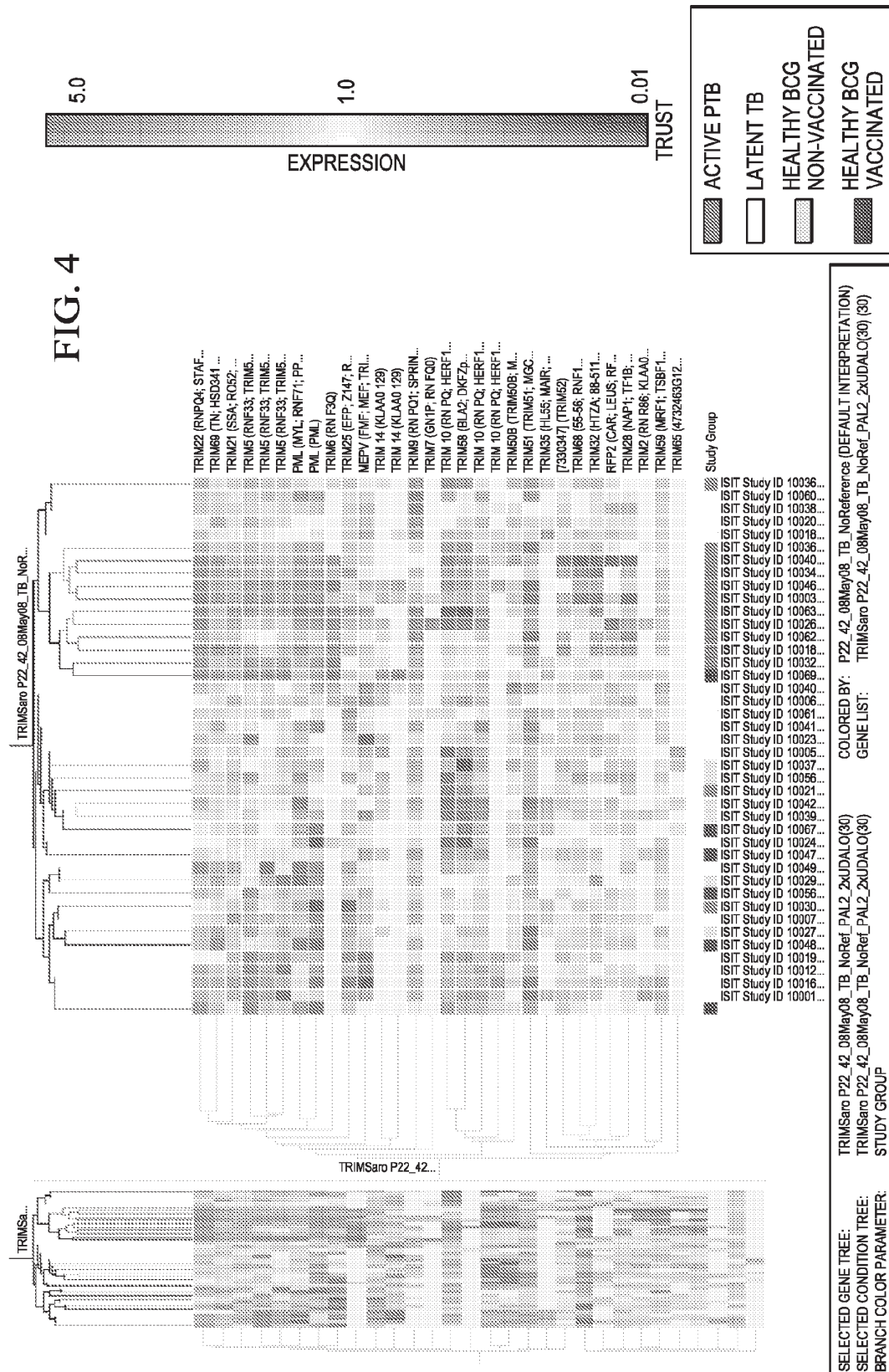
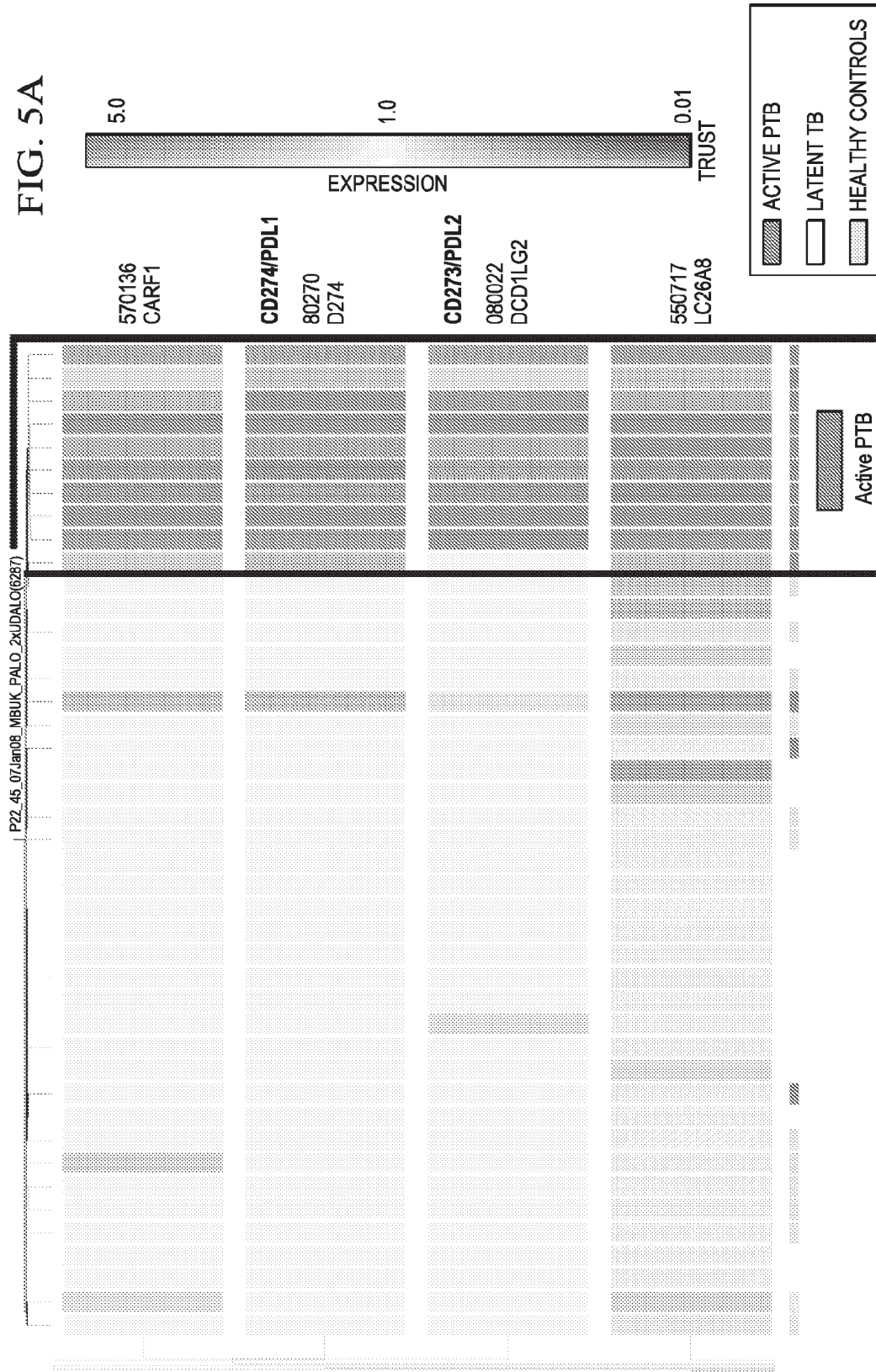
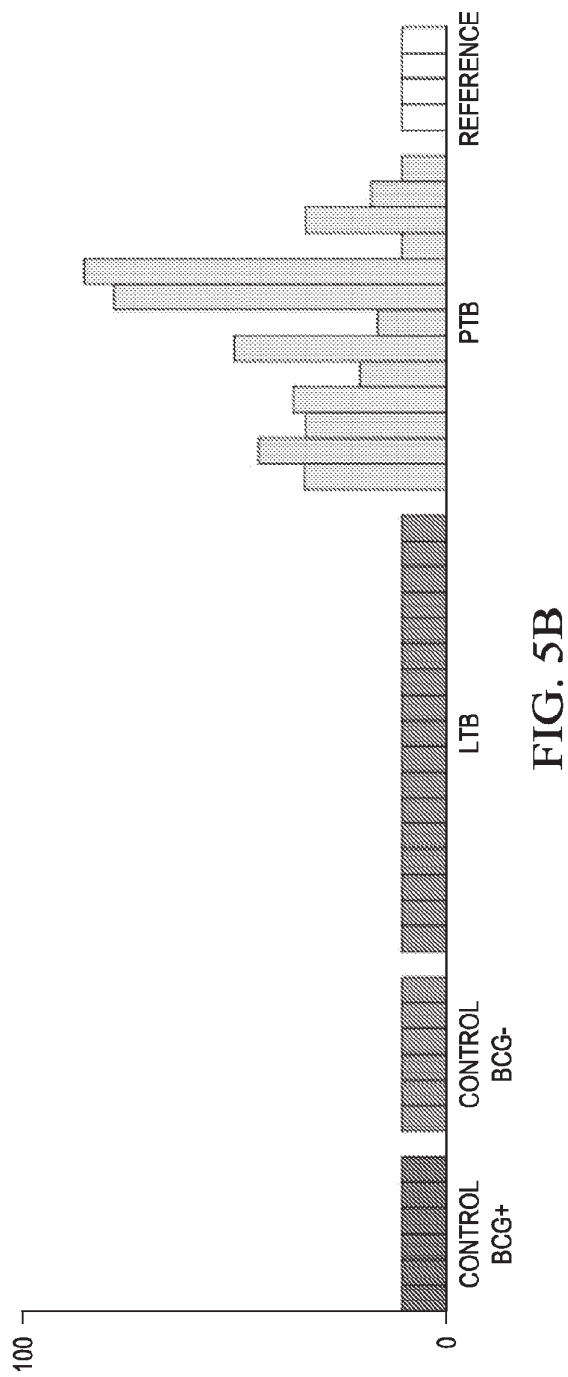
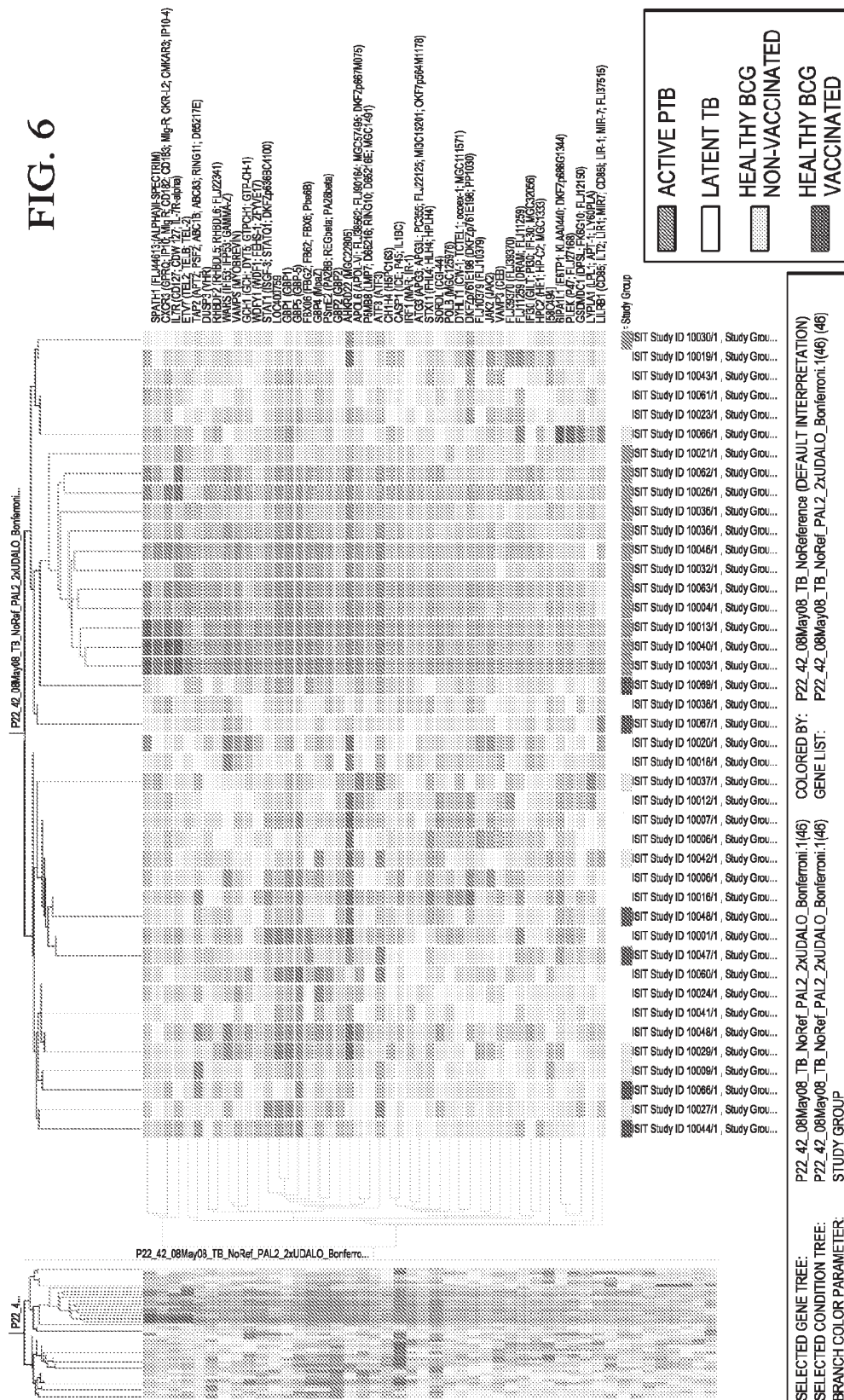


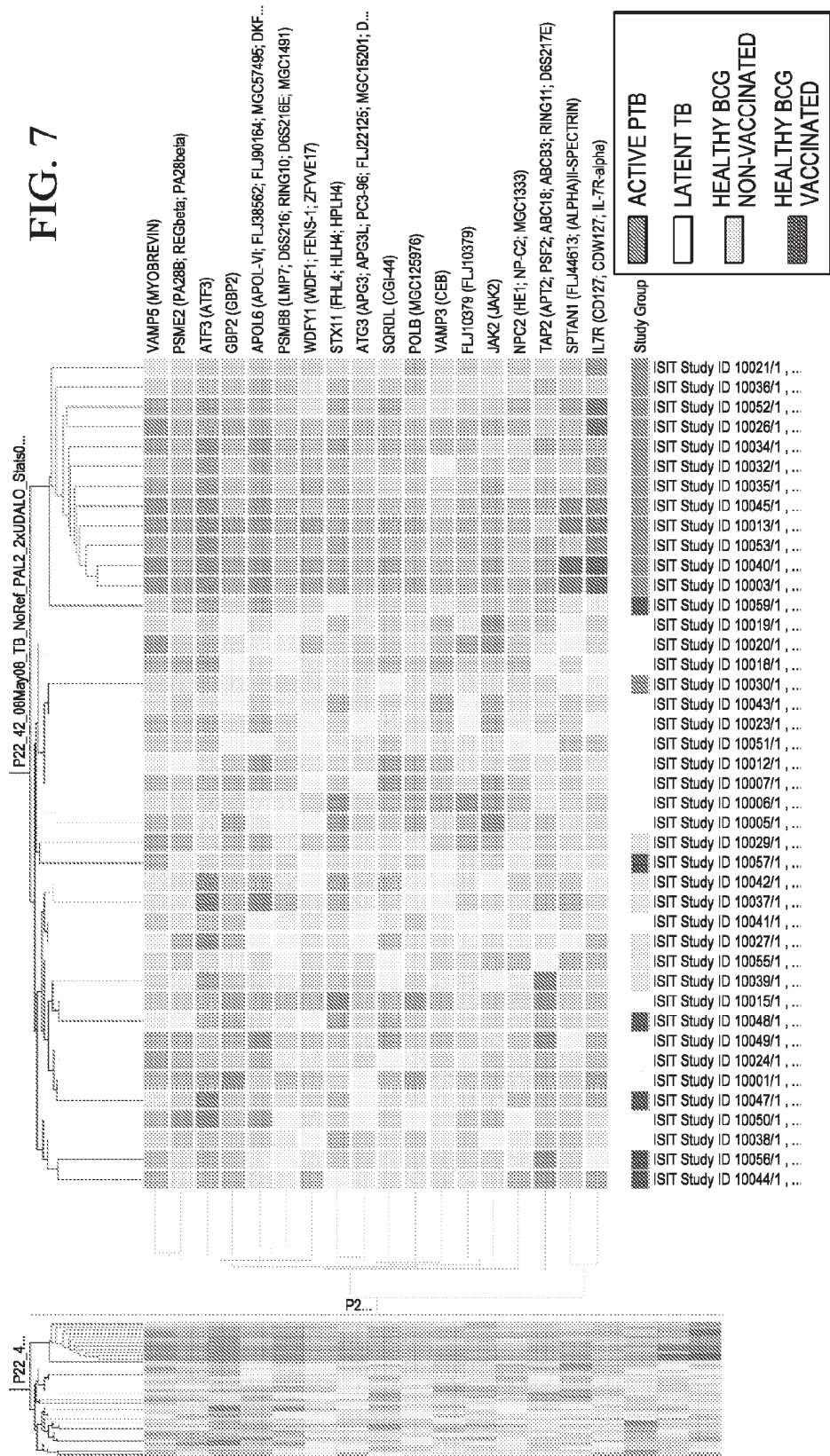
FIG. 5A

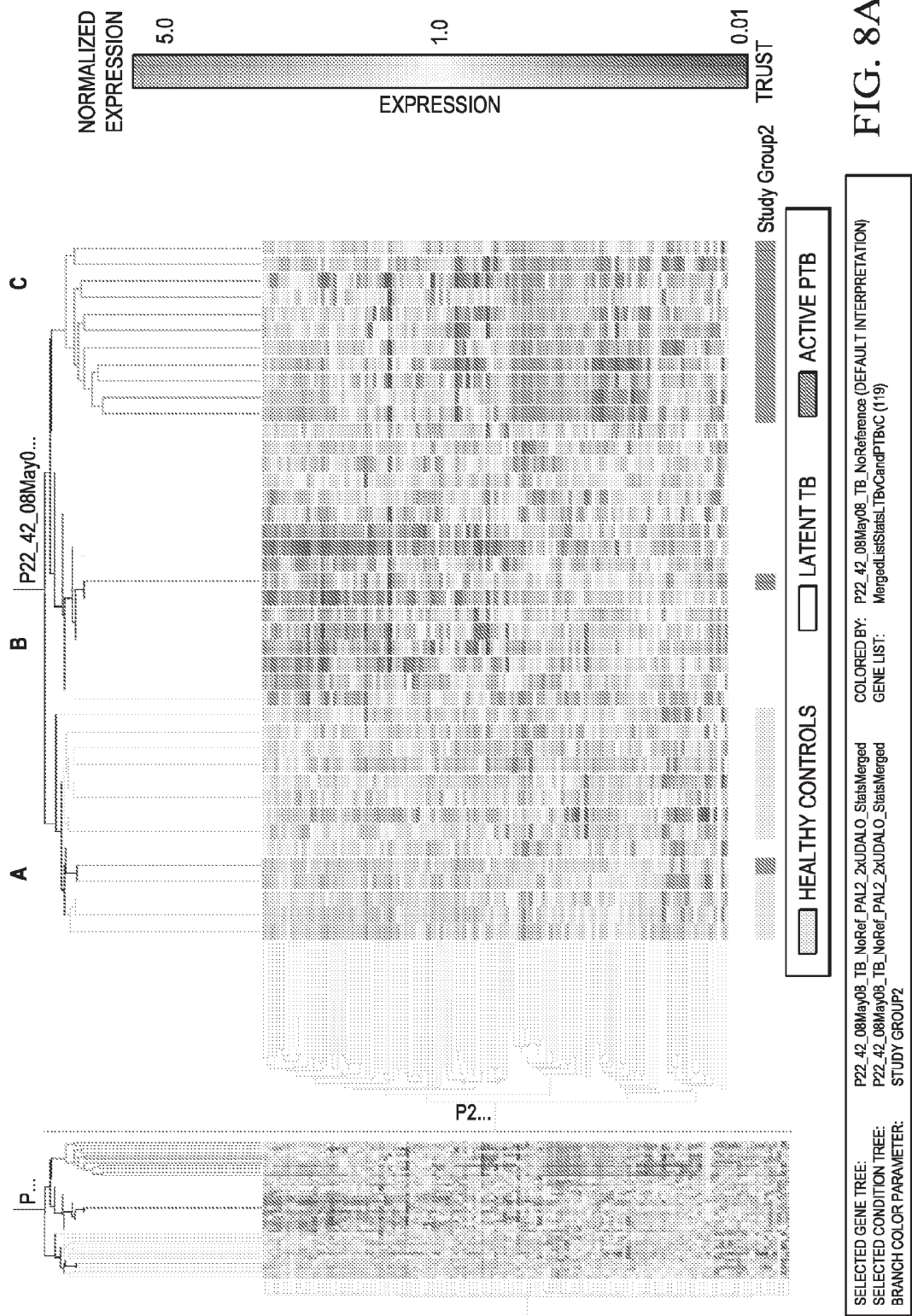


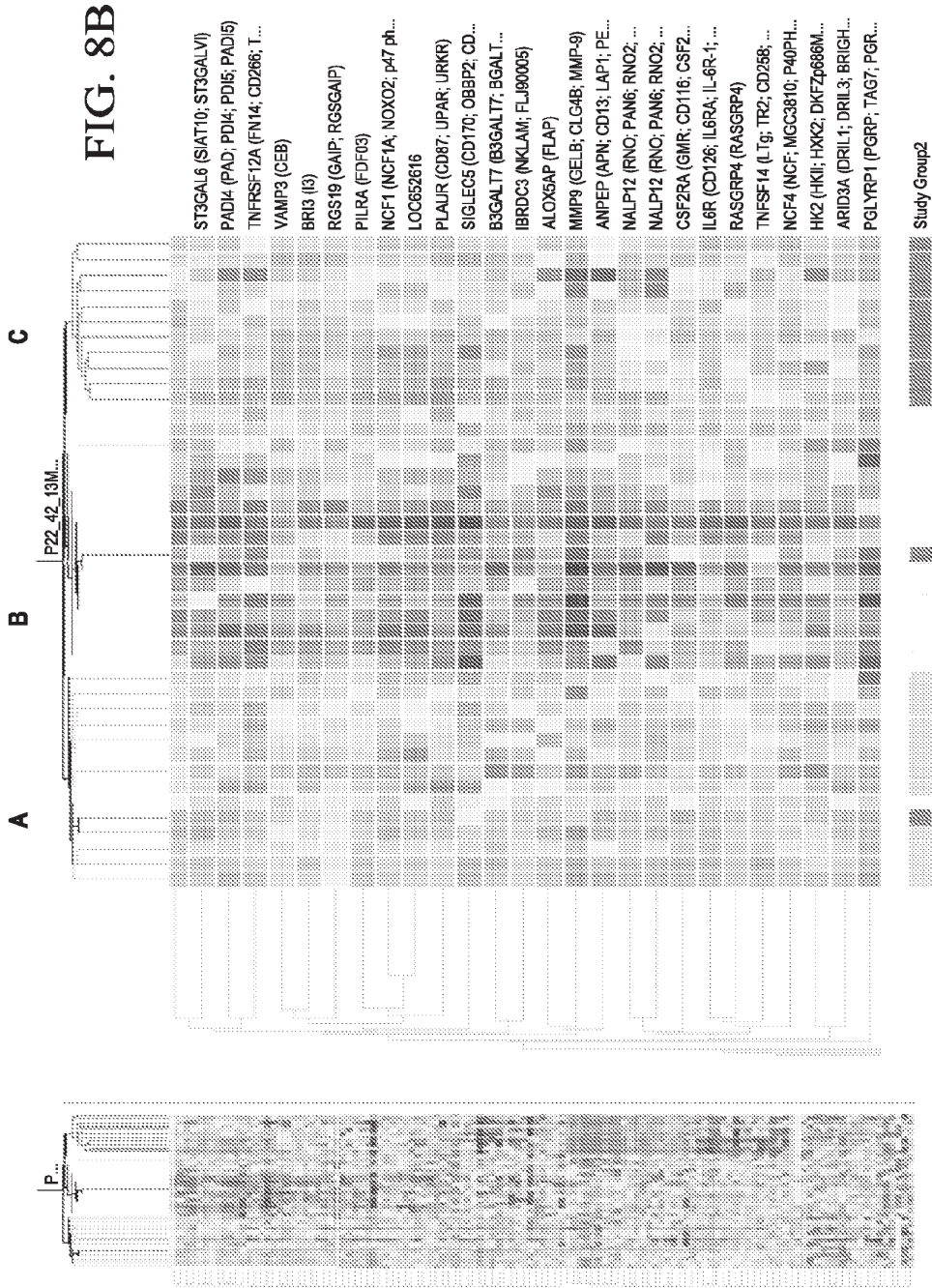


P22_42_08May08_TB_NoRef_PAL2_2xUDALO_Bonferoni.1(46)
 P22_42_08May08_TB_NoRef_PAL2_2xUDALO_Bonferoni.1(46)
 P22_42_08May08_TB_NoRef_PAL2_2xUDALO_Bonferoni.1(46)
 P22_42_08May08_TB_NoRef_PAL2_2xUDALO_Bonferoni.1(46)



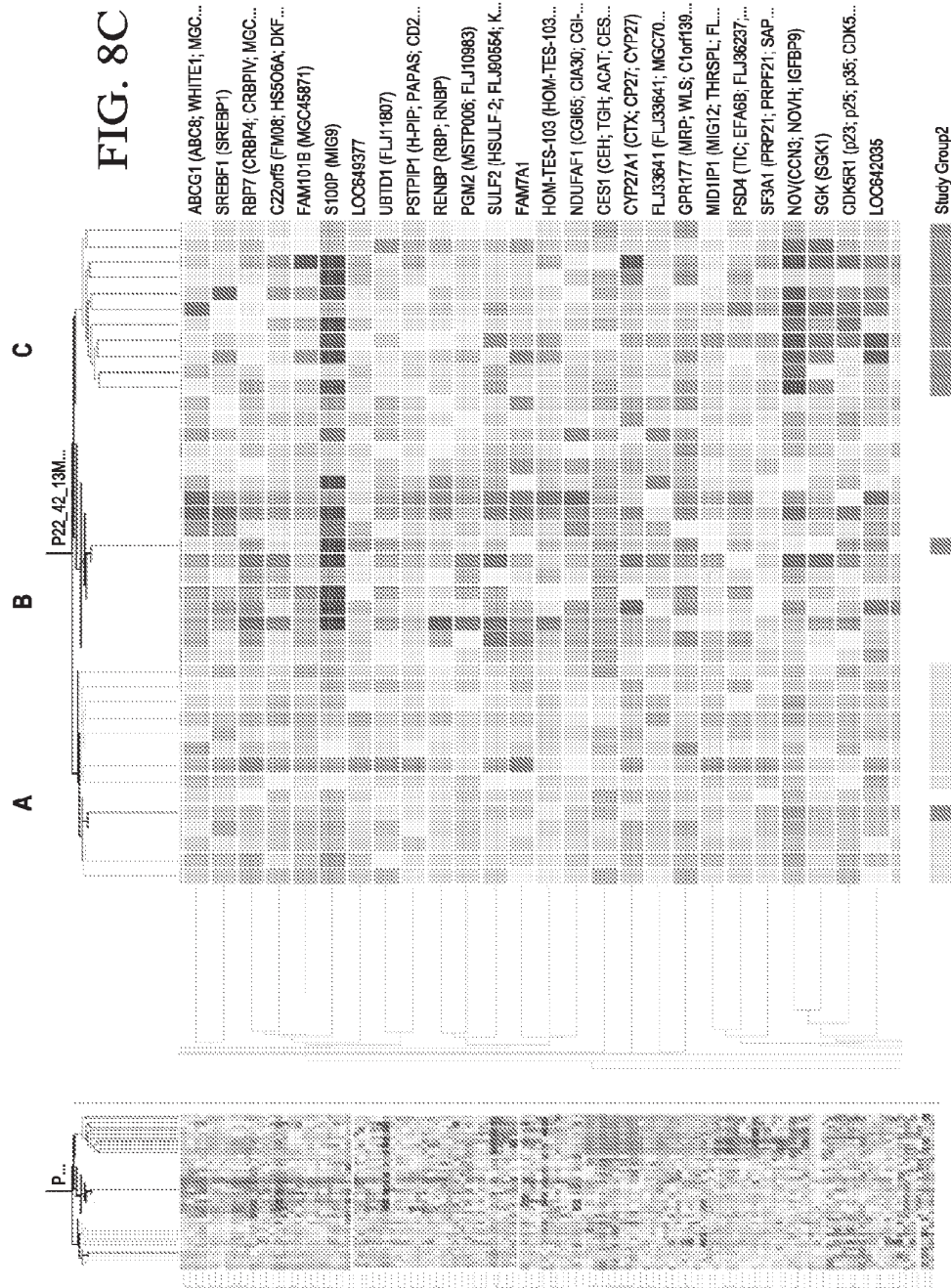




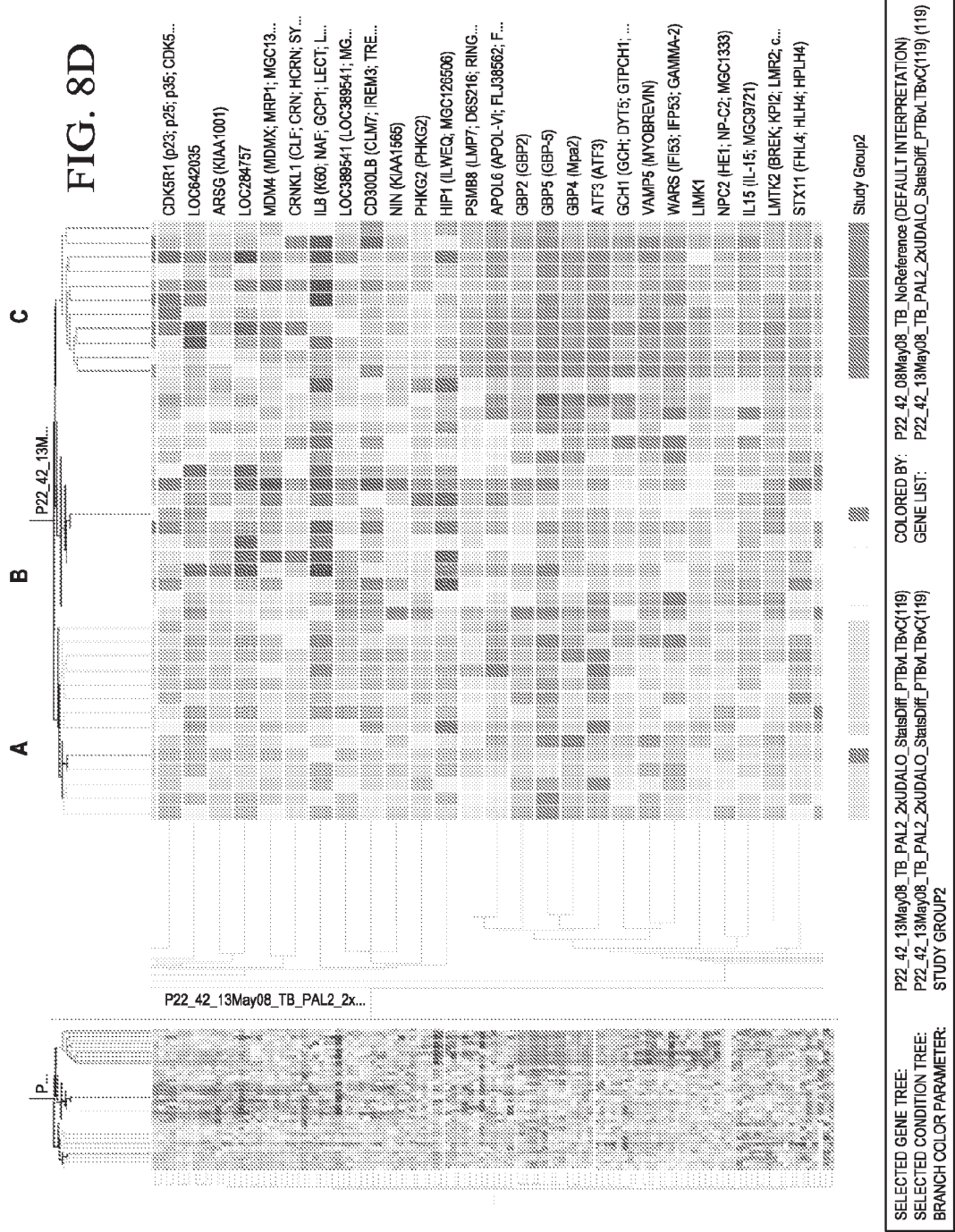


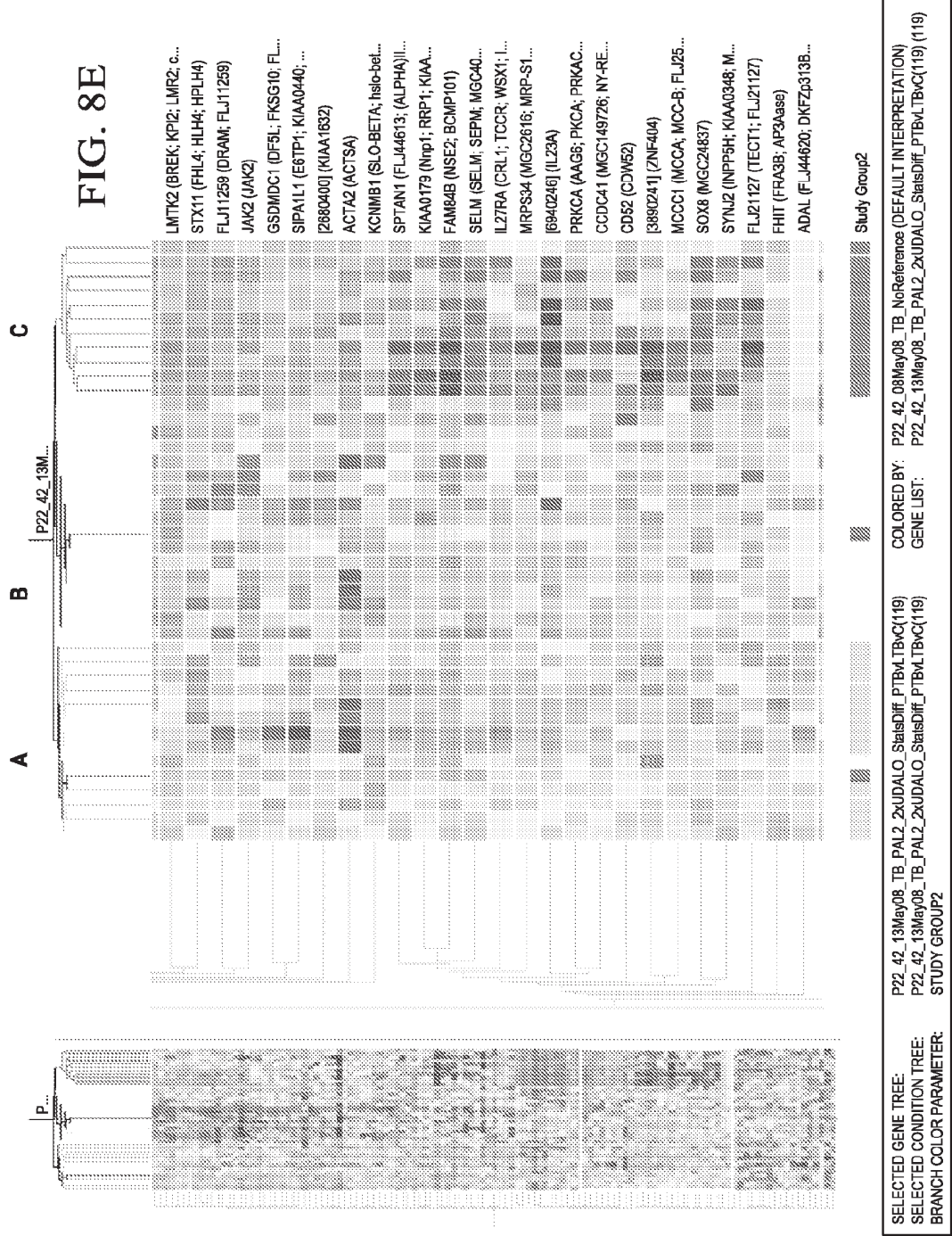
SELECTED GENE TREE: P22_42_13May08_TB_PAL2_2XUDALO_StatsDiff_PTBvC(119)
SELECTED CONDITION TREE: P22_42_13May08_TB_PAL2_2XUDALO_StatsDiff_PTBvC(119)
BRANCH COLOR PARAMETER: STUDY GROUP2

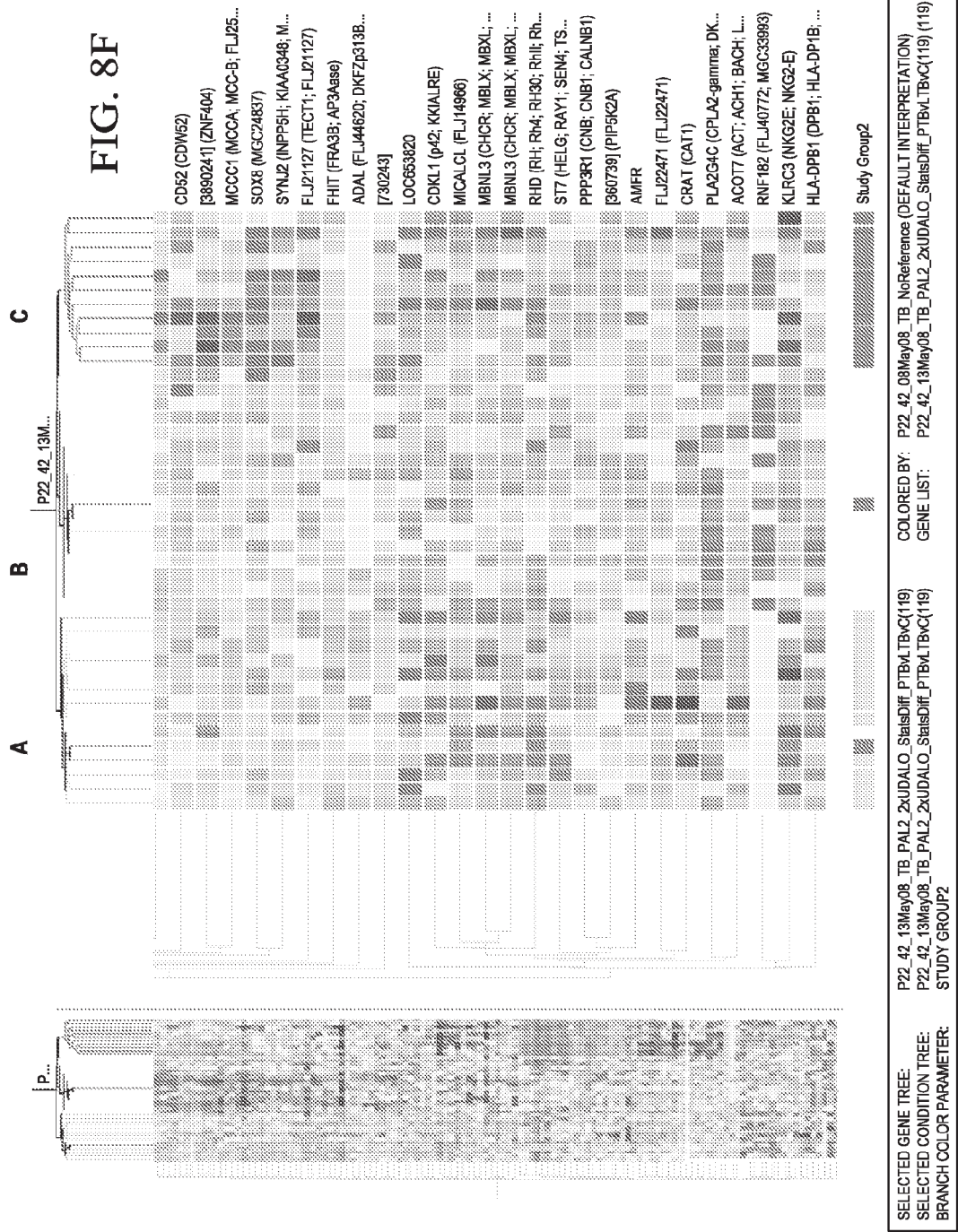
COLOR BY: P22_42_08May08_TB_NoReference (DEFAULT INTERPRETATION)
GENE LIST: P22_42_13May08_TB_PAL2_2XUDALO_StatsDiff_PTBvC(119) (119)



SELECTED GENE TREE:	P22_42_13May08_TB_PAL2_2xUDALO_StatsDiff_PTBvL.TBvC(19)
SELECTED CONDITION TREE:	P22_42_13May08_TB_PAL2_2xUDALO_StatsDiff_PTBvL.TBvC(19)
BRANCH COLOR PARAMETER:	STUDY GROUP2
COLORED BY:	P22_42_08May08_TB_NoReference (DEFAULT INTERPRETATION)
GENE LIST:	P22_42_13May08_TB_PAL2_2xUDALO_StatsDiff_PTBvL.TBvC(19) (119)







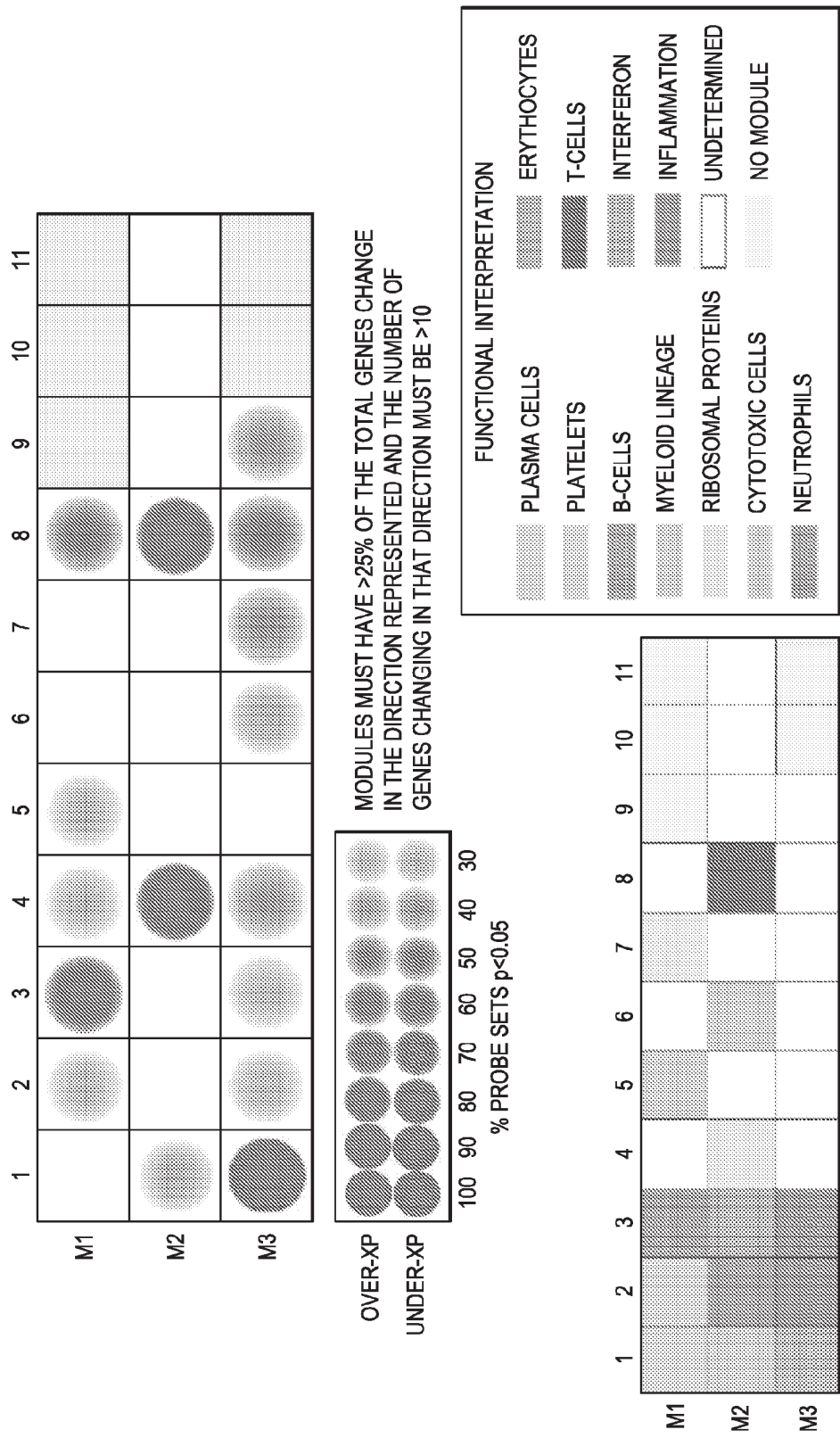


FIG. 9

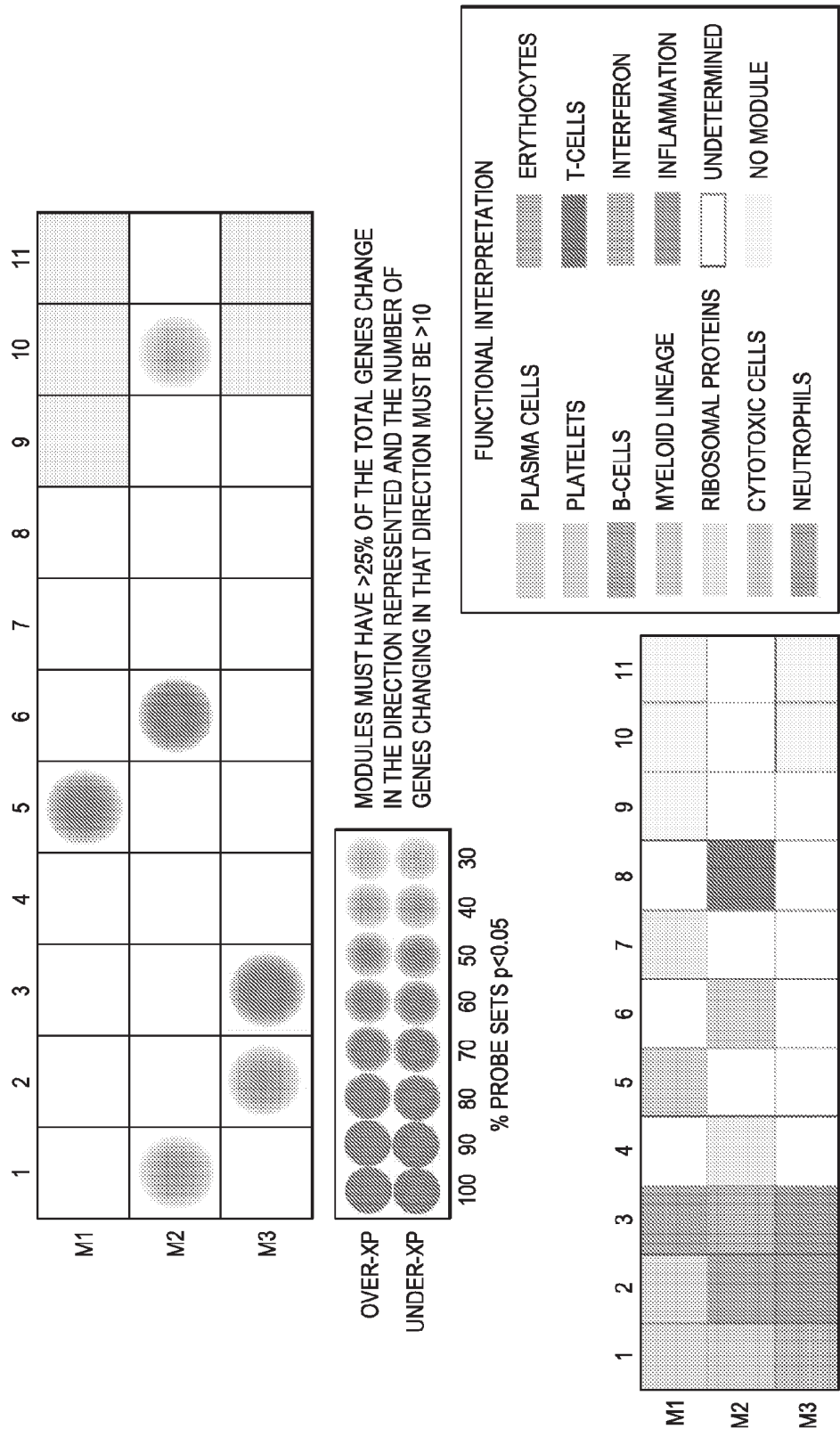


FIG. 10